DOCUMENT RESUME

ED 468 925 IR 058 511

AUTHOR	Young, Mark, Comp.; Kyrillidou, Martha, Comp.; Blixrud, Julia, Comp.
TITLE	ARL Preservation Statistics, 1999-2000: A Compilation of Statistics from the Members of the Association of Research Libraries.
INSTITUTION	Association of Research Libraries, Washington, DC.
ISSN	ISSN-1050-7442
PUB DATE	2002-00-00
NOTE	61p.; For the 1997-98 statistics, see ED 454 879. The ARL Preservation Statistics datafiles, with accompanying documentation, are available at http://www.arl.org/stats/pres.
AVAILABLE FROM	Association of Research Libraries, 21 Dupont Circle, Suite 800, Washington, DC 20036. Tel: 202-296-2296; Fax: 202-872-0884; e-mail: pubs@arl.org.
PUB TYPE	Numerical/Quantitative Data (110) -- Reports - Descriptive (141) -- Tests/Questionnaires (160)
EDRS PRICE	EDRS Price MF01 Plus Postage. PC Not Available from EDRS
DESCRIPTORS	*Academic Libraries; Foreign Countries; Higher Education; Library Administration; *Library Expenditures; *Library Personnel; Library Statistics; Library Surveys; Library Technical Processes; *Preservation; Questionnaires; *Research Libraries; Tables (Data)
IDENTIFIERS	*Association of Research Libraries; Canada; United States

ABSTRACT

This document presents data from 122 U.S. and Canadian research libraries that were members of the Association of Research Libraries (ARL) during the 1999-2000 fiscal year. Since 1987-88, the number of preservation programs managed by a preservation administrator has grown irregularly from 66 to around 80 in more recent years. A fluctuating growth in preservation expenditures and staffing across the ARL membership accompanied this development. Preservation expenditures for ARL's 110 reporting member libraries were $85,842,245 in 1999-2000, indicating a slow, irregular increase in expenditures for preservation since 1991-92. Total preservation staff decreased slightly to approximately 1,753 full-time equivalents (FTEs) in 1999-2000. Among the types of conservation treatment, Level 1 decreased slightly and level 2 increased slightly, while Level 3 roughly doubled. Microfilming activity decreased sharply to 87,531 bound volumes, the smallest amount since 1990. External funding for preservation activities increased to $7,128,397. Analysis of core data for all reporting libraries is provided in the "Introduction" for the areas of organizational structure, personnel, expenditures, conservation treatment, and preservation reformatting. The data contained in the "Library Data Tables" that follow are descriptive indices of preservation activities in research libraries, including preservation staffs, expenditures, and productivity. A copy of the ARL preservation statistics questionnaire and instructions, as well as footnotes to the statistics, are included. An appendix lists ARL member libraries. (MES)

Reproductions supplied by EDRS are the best that can be made
from the original document.

ASSOCIATION OF RESEARCH LIBRARIES

ED 468 925

ARL PRESERVATION STATISTICS 1999-2000

A COMPILATION OF STATISTICS FROM THE MEMBERS OF THE ASSOCIATION OF RESEARCH LIBRARIES

IR058511

PERMISSION TO REPRODUCE AND DISSEMINATE THIS MATERIAL IN MICROFICHE ONLY HAS BEEN GRANTED BY

L.A. George

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

2B

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

This document has been reproduced as received from the person or organization originating it.

☐ Minor changes have been made to improve reproduction quality.

• Points of view or opinions stated in this document do not necessarily represent official OERI position or policy.

2

BEST COPY AVAILABLE

ASSOCIATION OF RESEARCH LIBRARIES
WASHINGTON, D.C.
2002

ARL PRESERVATION STATISTICS 1999-2000

A COMPILATION OF STATISTICS
FROM THE MEMBERS OF THE
ASSOCIATION OF RESEARCH LIBRARIES

Compiled and Edited by

MARK YOUNG
MARTHA KYRILLIDOU
JULIA BLIXRUD

The *ARL Preservation Statistics* is published annually by

Association of Research Libraries
21 Dupont Circle, Suite 800
Washington, DC 20036
202-296-2296; FAX 202-872-0884
e-mail: pubs@arl.org

The quantitative tables presented in this publication are not indicative of performance and outcomes and should not be used as measures of library quality. In comparing any individual library to ARL medians or to other ARL members, one must be careful to make such comparisons within the context of differing institutional and local goals and characteristics.

ISSN 1050-7442
© Copyright 2002 by the Association of Research Libraries

The compilation is copyrighted by the Association of Research Libraries. Blanket permission is granted to reproduce and distribute copies of this work for nonprofit educational or library purposes, provided that the author, source, and copyright notice are included on each copy. This permission is in addition to rights of reproduction granted under Section 107, 108, and other provisions of the U.S. Copyright Act.

The paper used in this publication meets the minimum requirements of the American National Standard for Information Science and National Information Standards Organization standard—Permanence of Paper for Publications and Documents in Libraries and Archives, ANSI/NISO Z39.48-1992(R1997).

Printed in the United States of America

TABLE OF CONTENTS

Introduction 4

Summary of Preservation Data Table 1989-90 to 1995-96 12

Summary of Preservation Data Table 1996-97 to 1999-2000 13

Library Data Tables

Table I: Personnel (FTE) 16
Summary Data 18

Table II: Expenditures (in U.S. dollars) 20
Summary Data 24

Table III: Conservation Treatment, Binding and Preservation Reformatting 26
Summary Data 30

ARL Preservation Statistics Questionnaire and Instructions, 1999-2000 32

Footnotes to *ARL Preservation Statistics 1999-2000* 44

Appendix: ARL Member Libraries as of June 1, 2002 60

INTRODUCTION

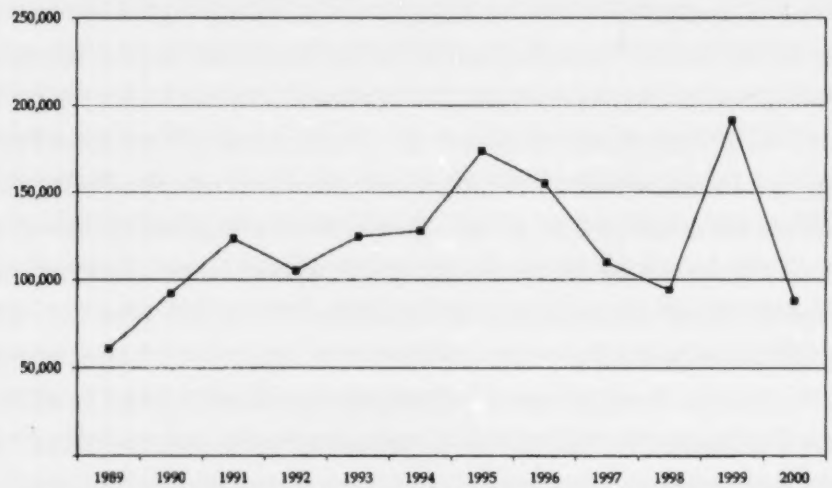
ARL Preservation Statistics 1999-2000 presents data from 122 U.S. and Canadian research libraries that were members of the Association of Research Libraries during the 1999-2000 fiscal year.[1] The ARL membership consisted of 112 university libraries and 10 independent research libraries (public or private) in 1999-2000.

Major Findings

Among the significant developments that took place in research libraries in the 1980s was the emergence of preservation programs as distinct administrative units: separately staffed, funded, and administered. Since 1987-88 the number of programs managed by a preservation administrator has grown irregularly from 66 to around 80 in more recent years.[2] However, a fluctuating growth in preservation expenditures and staffing accompanied this development (see the "Summary of Preservation" data tables on pages 12 and 13).

These rapidly shifting trends have made themselves evident in many categories. Preservation expenditures for ARL's 110 reporting member libraries were $85,842,245 in 1999-2000, indicating a slow, irregular increase in expenditures for preservation since 1991-92.[3] Total preservation staff decreased slightly to approximately 1,753 FTEs in 1999-2000, after rising well above 1,900 FTEs in the mid-1990s. Among the types of conservation treatment, Level 1 decreased slightly last year, Level 2 increased slightly, and Level 3 roughly doubled. After a sharp increase in 1998-99, microfilming activity dropped just as sharply to 87,531 bound volumes, the smallest amount since 1990. Graph 1, below, shows that with the exception of the spike in 1998-99, microfilming activity has steadily decreased since 1995.

Graph 1: Bound Volumes Microfilmed



[1] The Association of Research Libraries currently has 123 members, but only 110 libraries are included in this dataset. Alberta, Boston College, Howard, Illinois-Chicago, Manitoba, McGill, Missouri, Oklahoma State, the Canadian Institute for Scientific and Technical Information, the Center for Research Libraries, the National Agricultural Library, and the Smithsonian Institution did not submit responses to this survey. The University of Montreal joined ARL in 2001; its data will be included for the first time in the *ARL Preservation Statistics 2000-01*.

[2] Figures revised to accommodate the new definition of preservation administrator -- since 1994-95, a preservation administrator has been defined as one who "spends at least 25% of his or her time managing a partial or comprehensive preservation program."

[3] This trend is different than that explained in the *ARL Preservation Statistics 1998-99*, due to a typographical error in that publication's "Summary of Preservation" data table, which understated total preservation expenditures for ARL libraries in 1997-98 by roughly $20 million. All trends noted here cite correct data. See the data table "Summary of Preservation, 1996-97 to 1999-2000" on page 13.

External funding

Availability of external funds plays a critical role in preservation activities. In 1988, the National Endowment for the Humanities (NEH) began a multi-year, expanded cooperative preservation microfilming program, in which ARL libraries have participated extensively. However, it appears that cuts in the NEH budget also have negatively affected availability of external funding for preservation, which fell constantly from a high of $11,090,547 in 1992-93 to a low of $4,917,732 in 1997-98, before slowly increasing to $7,128,397 in 1999-2000.

Analysis of Core Data for All Reporting Libraries

1. Organizational Structure

a. Preservation Administration

The most significant means for measuring the progress of ARL libraries in their preservation efforts is to track the existence of preservation programs managed by a preservation administrator. The data offer persuasive evidence that preservation programs have become a standard unit in research libraries, although there have not been any increases in the number of new programs established. As displayed in Table 1, 77 institutions indicated that the library has appointed a preservation administrator, and, of those, 61 libraries reported that their preservation programs are managed by a full-time preservation administrator.

Table 1. Administration of Preservation Programs

Full-time preservation administrator	61 (55.45%)
Part-time preservation administrator who devotes 50% or more time to preservation activities, but not 100%	12 (10.91%)
Part-time preservation administrator who devotes 25% to 50% of time to preservation activities	4 (3.64%)
Preservation administrator with less than 25% of time to preservation activities or no preservation administrator	33 (30.0%)

b. Reporting Relationships

While most ARL libraries have separate preservation units, their placement is far from uniform. The 77 responses to the question on reporting relationships show that more than a third of the preservation administrators report to the library director or associate library director (or an equivalent position, such as dean of libraries, etc.). The next most frequently found organizational pattern is a reporting relationship to the assistant/associate director for collection management. The third most-cited reporting relationship is to the assistant/associate director for technical services. The remaining libraries chose a variety of organizational options, including placing the preservation administrator within special collections, public services, or administrative services. Although the placement of preservation departments within the library structure varies, with few exceptions, the preservation administrator reports to senior library management.

Table 2. Position to Which Preservation Administrator Reports	
Director of Libraries/Associate Director	27 (35.1%)
Assistant/Associate Director for Collection Management	24 (31.2%)
Assistant/Associate Director for Technical Services	14 (18.2%)
Assistant/Associate Director for Public Services	4 (5.2%)
Other	8 (10.4%)

2. Personnel

The size of the staff reporting to the preservation administrator is a key factor in defining a library's level of preservation program development. Table 3, below, displays the relation between number of professional staff FTE and the number of support staff FTE and student assistant FTE in preservation units (a total of 77 programs reported). The preservation administrator is included in the number of professional staff.

Reporting accurate statistics regarding the number of FTE staff engaged in preservation activities library-wide has always been problematic. The variety and complexity of organizational structures make collecting the data a time-consuming and difficult burden for libraries. Even in libraries with large-scale preservation departments, the data show that there are preservation aspects in the work of almost every library unit and that preservation is a library-wide responsibility. The more decentralized preservation activities are, the more scattered preservation staff becomes, and thus providing accurate data is all the more difficult. Given these caveats, Table 4 shows the medians of staff in preservation programs, library-wide (with 110 libraries reporting data).

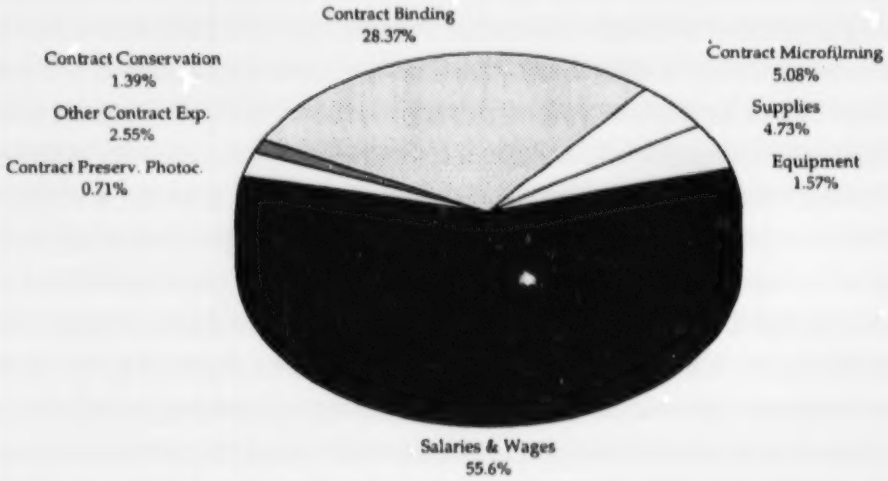
Table 3. Staffing Patterns of Preservation Programs

Number of Professionals	Median of Support Staff	Median of Student Assistants	Median of Total FTE
4 or more (19.48%)	14.66	2.00	22.04
2 - 3.9 (28.57%)	4.00	2.10	9.43
1 - 1.9 (38.96%)	4.25	1.65	8.25
less than 1 (12.99%)	2.30	1.18	4.36

Table 4. Staffing Patterns of Preservation Activities Library-wide

Number of Professionals	Median of Support Staff	Median of Student Assistants	Median of Total FTE
4 or more (13.64%)	12.78	5.00	27.03
2 - 3.9 (20.91%)	6.16	3.00	12.34
1 - 1.9 (27.27%)	5.13	3.15	10.50
less than 1 (38.18%)	4.00	1.30	5.41

Graph 2: Preservation Expenditures 1999-2000



3. Expenditures

The financial support for preservation activities in ARL university libraries ranged from approximately $130,000 to more than $4.7 million during fiscal year 1999-2000. As a corollary, ARL university libraries spent between a fraction of one percent and roughly 8% of their total budgets on preservation.

Table 5 summarizes preservation expenditures by displaying the midpoint for three ranges for all reporting ARL libraries, including the Library of Congress, which alone spent almost $11.3 million on its preservation programs. Table 5 also indicates corresponding median preservation expenditures as a percentage of total operating expenditures and as a percentage of materials expenditures.

Graph 2, above, highlights the allocation of preservation expenditures, based on data from all reporting ARL libraries. Local needs and capabilities will determine the exact allocation of budgetary resources to various activities, but it is useful to look at the aggregate apportionment for ARL member libraries. The typical trends still hold true, with salaries and wages being the most costly category.

Table 5. Preservation Expenditures

	Third Quartile	Median of All Responses	First Quartile
Total Preservation Expenditures	$841,842	$480,801	$317,200
Preservation Expenditures as % of Total Library Exp.	3.80	2.97	2.28
Preservation Expenditures as % of Materials Expenditures	10.32	7.53	5.45

4. Conservation Treatment

Conservation treatments encompass an array of activities as defined in the instructions that accompanied the survey. Beginning in 1989-90, the amount of *time* required to complete conservation treatments has been used (i.e., "treatments that require 15 minutes or less to perform", "more than 15 minutes but less than 2 hours", and "more than 2 hours"). While the resulting data tell only how long the treatments take rather than how technically complex they are, results are more reliable and do not invite facile assumptions about the nature of an institution's conservation program. The table below provides information on the number of volumes that received minor (Level 1) treatment and the number of volumes that were given more time-consuming intermediate (Level 2) and major (Level 3) conservation treatment. It is recognized that significant differences exist in the nature of treatments performed.

Table 6. Conservation Treatment

	Third Quartile	Median of All Responses	First Quartile
Number of Volumes: Level 1 Treatment	7,124	3,620	1,378
Number of Volumes: Levels 2 & 3 Treatment	3,264	1,479	475

5. Preservation Reformatting

This section was revised substantially in 1997-98[4] and, as a result, a number of libraries were not able to provide complete data in recent years. Preservation reformatting questions distinguish between reformatting of (a) bound volumes/pamphlets, (b) single, unbound sheets, and (c) photographs and non-paper items (e.g., audio tapes, motion picture film). Preservation reformatting for (a) bound volumes and (b) single sheets tracks three processes: photocopying, microfilming, and digitizing.

[4] The survey was revised to address identified problems with the earlier versions of the questionnaire and to ask for new data elements (this year in the form of optional questions). All critical data elements have been retained so libraries can continue to track comparable information over the past decade. In particular, the questionnaire was revised in the following manner:

- In the "conservation treatment," "commercial binding," and "preservation reformatting" categories, breakdowns identifying "in-house" vs. "contract" treatments have been eliminated and a composite figure is requested. This change eliminates half of the data categories while retaining all significant data. Outsourcing continues to be captured in the "expenditures" section of the survey, as in earlier versions.
- Confusion regarding photographs and non-paper items (e.g., audio tapes, motion picture film) has been eliminated by separating "conservation" (repair of the original — question #19) from reformatting (copying of the original — question #24).
- For the purposes of streamlining, questions involving the number of titles and number of frames microfilmed have been eliminated, and a single measure of accomplishment — "number of volumes filmed" — has been retained. Data categories for microfilm and microfiche have been collapsed.
- The microfilming of unbound sheets (manuscripts, archives) has been broken out from bound-volume filming to yield clear, meaningful statistics. The same holds true for photocopying.
- Two optional questions regarding digitizing have been added ("number of bound volumes/pamphlets digitized" and "number of single, unbound sheets [manuscripts, maps, photographs] digitized"). In the instructions for the survey, "digitizing for preservation purposes" has been broadly defined.

ARL Preservation Statistics actually underreports total production of microfilming among ARL members because the reporting of preservation microfilming production remains problematic. Although the best indicator of preservation microfilming output is the total number of exposures or number of frames filmed, many libraries failed to report this figure in the past. So, the survey was recently revised to track only volumes rather than titles and exposures. The total number of volumes reported over the last 10 years is charted in Graph 1. A total of 87,531 volumes microfilmed were reported this year. A separate question tracks single, unbound sheets microfilmed, which totals 6,214,507 in 1999-2000.

As digitizing bound volumes is still emerging as a preservation option, few libraries report data about it in this survey. In 1998-99, only 25 libraries reported more than zero bound volumes digitized, which increased slightly to 33 libraries in 1999-2000. The numbers reported vary widely, from single-digit amounts in several institutions to 13,020 volumes digitized for the University of Michigan.

Analysis of Core Data by Size of Collection

This section analyzes the organizational, fiscal, and functional components of preservation programs in relation to collection size. Many factors — including the age, nature and scope of the collection, the environmental conditions under which the collections have been housed, and the level of use — shape the ways in which a library's preservation program develops. However, size of collection is the most important factor in measuring the level of preservation effort.

In 1991, ARL published preservation program benchmarks for selected core activities in the *Preservation Program Models* report.[5] The benchmarks were intended to serve as indicators of the level of effort that can be expected as a library's preservation program develops. The benchmarks reflect targets and are a useful tool for measuring progress toward meeting preservation needs. The tables in this section parallel the four size groupings of ARL libraries used in the *Preservation Program Models* report.[6] These are collections of more than 5 million volumes, 3 to 5 million volumes, 2 to 3 million volumes, and less than 2 million volumes. For each size grouping, the tables provide medians for personnel, budget, and production. In this report, median figures are used as indicators of the midpoint in the distribution at which values cluster. The medians offer a composite measure for assessing the scale of local effort based on four different size groupings. The benchmarks reflected an ideal progression of preservation program development, and provide a useful tool for comparing the level of preservation services needed with the current level of activities. Libraries interested in that comparison may wish to consult the *Preservation Program Models* report.

The size groupings and number of libraries in each category are:

Group 1:*	Over 5 million volumes (23 libraries)
Group 2:+	3 to 5 million volumes (28 libraries)
Group 3:#	2 to 3 million volumes (52 libraries)
Group 4:^	Under 2 million volumes (7 libraries)

The tables below summarize the responses in five categories for each of the four size groupings. Please note the following when reading the tables:

*	3 libraries in this group reported no Preservation Unit
+	8 libraries in this group reported no Preservation Unit
#	19 libraries in this group reported no Preservation Unit
^	3 libraries in this group reported no Preservation Unit

---

[5] Jan Merrill-Oldham, Carolyn Clark Morrow, and Mark Roosa, *Preservation Program Models: A Study Project and Report* (Washington, DC: Association of Research Libraries, 1991).

[6] The libraries in each group are determined by data submitted to *ARL Statistics 1999-2000* (Washington, DC: Association of Research Libraries, 2001).

Table 7. Staffing Patterns of Preservation Programs

	Median of Professionals	Median of Support Staff	Median of Students	Median of Total FTE
Group 1	4.00	10.23	0.80	17.90
Group 2	1.00	2.88	1.35	6.82
Group 3	1.00	3.00	1.00	6.13
Group 4	0.00	0.00	0.00	1.00

Table 8. Staffing Patterns of Preservation Activities Library-wide

	Median of Professionals	Median of Support Staff	Median of Students	Median of Total FTE
Group 1	6.58	15.18	4.00	28.58
Group 2	1.84	6.10	2.85	12.95
Group 3	1.09	4.50	1.90	9.18
Group 4	0.35	4.20	0.68	4.60

Table 9. Preservation Expenditures

	Median of Total Preservation Expenditures	Median of Pres. Exp. as % of Total Library Exp.	Median of Pres. Exp. as % of Materials Exp.
Group 1	1,204,170	3.89	11.35
Group 2	525,266	2.53	6.74
Group 3	386,587	2.68	6.93
Group 4	199,193	3.04	6.79

Table 10. Conservation Treatment

	Median of Level 1 Treatment	Median of Level 2 Treatment	Median of Level 3 Treatment
Group 1	7,769	1,919	200
Group 2	3,745	1,426	50
Group 3	2,726	987	17
Group 4	2,711	1,198	3

Table 11. Contract Binding

	Median of Contract Binding Expenditures	Median of Number of Volumes Bound
Group 1	402,417	48,356
Group 2	185,520	23,715
Group 3	151,423	19,119
Group 4	75,918	10,054

Conclusion

ARL Preservation Statistics provides a broad range of quantitative data and should not be used as a measure of quality of preservation programs. Preservation efforts encompass a diverse array of activities, and there are substantial differences in the nature of preservation work. *ARL Preservation Statistics* cannot completely capture the richness, sheer variety, and full extent of each library's preservation commitment. Much progress has been achieved, however, in increasing the consistency and hence comparability of the reported quantitative data.

Most of the data contained in this publication are descriptive indices of preservation activities in research libraries, including preservation staffs, expenditures, and productivity. The data are also useful in determining the organization of preservation units and the components of preservation programs. Each library's total expenditures and materials expenditures, as reported in *ARL Statistics 1999-2000*, are displayed in the tables together with the percentage of preservation expenditures. To aid comparability in *ARL Preservation Statistics*, expenditures of Canadian libraries are expressed in U.S. dollars at the rate of 1.47192 Canadian dollars to one U.S. dollar. This exchange rate is the average monthly noon exchange rate published in the *Bank of Canada Review* for the period from July 1999 to June 2000. Expenditures reported in Canadian dollars are given in the "Footnotes to the *ARL Preservation Statistics*."

Those using *ARL Preservation Statistics* to compare activities in individual institutions will need to consult the definitions used in the instructions as well as the "Footnotes" section. Although the definitions and procedures used in the Preservation Statistics questionnaire aim to achieve consistency, variant reporting practices do exist among ARL libraries. Care should be taken in comparing this year's data to data collected in previous years, taking into account the revisions in the questionnaire described earlier in this introduction.

Again, all the data in this publication are quantitative and descriptive and are not indicative of qualitative factors. When comparing any individual library preservation program to ARL medians or to other ARL members, one must be careful to make such comparisons within the context of differing institutional and local goals and preservations needs.

Association of Research Libraries
June 25, 2002

DATA TABLE
SUMMARY OF PRESERVATION
1988-89 to 1995-96+

Year	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96
No. of Institutions Reporting:	107	115	117	119	114	115	115	116
No. of Preservation Administrators:	66	77	77	76	77	80	81	80
Total Staff Engaged in Preservation Activities Library-Wide:	1,620.52	1,760.73	1,744.34	1,867	1,841.99	1,900.20	1,912.08	1,879.54
Total Preservation Expenditures:	$60,714,802	$66,045,392	$70,705,449	$76,550,655	$76,793,364	$77,674,363	$79,164,226	$77,069,334
Conservation Treatment (volumes)								
Level 1:	661,047*	687,897	672,567	1,038,934	669,616	683,305	666,623	610,927
Level 2:	185,294*	277,370	273,825	265,891	265,848	246,475	233,946	230,870
Level 3:	21,736*	35,323	18,629	24,459	24,241	23,729	25,814	22,453
Total:	905,669*	1,003,126	965,075	1,334,786	964,375	991,254	957,091	919,714
Microfiliming Treatment								
Titles:	75,198	68,904	77,740	93,052	104,818	106,733	133,290	89,560
Volumes:	60,502	92,093	123,233	204,934	124,455	127,650	173,646	154,805
Exposures:	18,254,133	23,687,873	28,264,637	28,892,445	32,844,044	29,900,149	28,474,292	25,772,672

Source: *ARL Preservation Statistics 1999-2000* (Washington, D.C.: Association of Research Libraries, 2002)

+ The *ARL Preservation Statistics* survey was revised in 1996-97, eliminating certain categories, adding others and changing the ways in which some items conserved are counted. These data reflect the pre-revision categories and counting methods. See the Introduction for details.

* In the 1988-89 survey, conservation treatment was divided into Minor, Interim, and Major categories.

DATA TABLE
SUMMARY OF PRESERVATION
1996-97 to 1999-2000+

Year	1996-97	1997-98	1998-99	1999-2000
No. of Institutions Reporting:	115	118	114	110
No. of Preservation Administrators:	83	82	81	77
Total Staff Engaged in Preservation Activities Library-Wide:	1,742.57	1,825.53	1,765.70	1,753.29
Total Preservation Expenditures:	$80,772,236	$83,340,852*	$82,642,548	$85,842,245
Conservation Treatment (volumes)				
Level 1:	697,922	693,113	686,319	660,597
Level 2:	213,064	241,538	207,114	254,296
Level 3:	22,520	28,748	33,119	62,179
Total:	933,506	963,405	919,038	976,658
Microfilming Treatment				
Volumes:	109,526	94,044	191,348	87,531
Single Sheets:	6,727,348	7,700,261	7,540,695	6,214,507

Source: *ARL Preservation Statistics 1999-2000* (Washington, D.C.: Association of Research Libraries, 2002)
+ The *ARL Preservation Statistics* survey was revised in 1996-97, eliminating certain categories, adding others and changing the ways in which some items conserved are counted. These data reflect the post-revision categories and counting methods. See the Introduction for details.
*Due to a typographical error, this figure was listed as $61,040,536 in the *ARL Preservation Statistics 1998-99*. The current figure is correct.

LIBRARY DATA TABLES

ARL PRESERVATION STATISTICS 1999-2000
TABLE 1
PERSONNEL (FTE)

INSTITUTION	Notes	Pres. Admin.	% time on Pres. Activ.	Pres. Unit Prof. Staff	Pres. Unit Support Staff	Pres. Unit Student Assist.	Pres. Unit Total Staff	Library-Wide Prof. Staff	Library-Wide Support Staff	Library-Wide Student Assist.	Library-Wide Total Staff
(Survey Question #)		1	2	4a	4b	4c	4d	5a	5b	5c	5d
ALABAMA	LM+	No	0	0.00	0.00	0.00	0.00	0.29	4.10	1.24	5.63
ARIZONA		No	0	0.00	0.00	0.00	0.00	0.75	1.95	1.20	3.90
ARIZONA STATE	LB+	Yes	100	2.00	2.75	0.50	5.25	2.45	7.60	2.70	12.75
AUBURN	+	Yes	75	0.00	4.61	1.35	5.96	0.00	4.71	1.35	6.06
BOSTON		No	0	0.00	0.00	0.00	0.00	0.25	3.25	2.00	5.50
BRIGHAM YOUNG	+	No	5	2.00	0.00	7.50	9.50	5.00	0.00	7.50	12.50
BRITISH COLUMBIA	LM+	No	0	0.38	1.00	0.00	1.38	0.73	6.24	0.15	7.12
BROWN	M+	Yes	80	4.00	4.00	1.00	9.00	5.80	7.70	2.25	15.75
CALIFORNIA, BERKELEY	+	Yes	100	2.80	9.25	2.40	14.45	7.99	15.18	7.21	30.38
CALIFORNIA, DAVIS	M+	Yes	25	0.25	4.50	3.85	8.60	0.25	6.00	4.35	10.60
CALIFORNIA, IRVINE	M+	Yes	100	1.00	4.50	5.30	10.80	1.00	4.50	5.30	10.80
CALIFORNIA, LOS ANGELES	LM+	No	20	0.00	0.00	0.00	0.00	1.32	13.80	5.70	20.82
CALIFORNIA, RIVERSIDE		Yes	75	0.30	3.60	3.00	6.90	1.00	4.10	4.00	9.10
CALIFORNIA, SAN DIEGO	M+	Yes	60	0.60	4.66	1.83	7.09	1.29	8.60	4.62	14.51
CALIFORNIA, SANTA BARBARA	+	No	0	0.00	0.00	0.00	0.00	0.00	4.50	1.50	6.00
CASE WESTERN RESERVE	LM+	Yes	100	1.00	2.30	0.34	3.64	1.01	4.17	0.51	5.69
CHICAGO	LM+	Yes	100	2.00	14.00	1.90	17.90	3.00	24.30	3.80	31.10
CINCINNATI	LM+	Yes	100	1.45	3.00	1.00	5.45	1.45	4.50	2.00	7.95
COLORADO	+	Yes	100	1.00	8.50	1.10	10.60	1.07	8.50	1.10	10.67
COLORADO STATE	+	Yes	100	1.75	5.00	1.50	8.25	1.75	5.13	1.50	8.38
COLUMBIA	+	Yes	100	7.00	17.93	4.66	29.59	8.48	19.50	5.28	33.26
CONNECTICUT	LMB+	Yes	100	1.00	2.00	2.37	5.37	1.37	4.55	4.07	9.99
CORNELL	LMB+	Yes	100	10.00	16.00	2.00	28.00	11.00	20.00	5.00	36.00
DARTMOUTH	M	Yes	100	2.00	4.50	0.96	7.46	2.10	6.20	0.96	9.26
DELAWARE		Yes	100	1.00	4.00	3.59	8.59	1.25	4.75	4.59	10.59
DUKE	LM+	Yes	100	1.00	0.00	0.25	1.25	1.36	7.21	1.13	9.70
EMORY	LMB+	Yes	100	3.00	4.25	2.00	9.25	4.15	8.95	2.75	15.85
FLORIDA	+	Yes	100	2.00	7.00	3.30	12.30	2.00	10.00	4.00	16.00
FLORIDA STATE	+	No	0	0.00	0.00	0.00	0.00	2.10	6.99	0.00	9.09
GEORGE WASHINGTON	LMB+	Yes	100	0.00	1.00	0.00	1.00	0.16	4.63	2.38	7.17
GEORGETOWN	LM+	Yes	100	2.00	6.00	0.50	8.50	2.00	6.00	0.75	8.75
GEORGIA	L+	Yes	50	0.50	1.00	0.00	1.50	4.45	12.78	15.50	32.73
GEORGIA TECH		No	0	0.00	0.00	0.00	0.00	3.00	3.20	1.20	7.40
GUELPH	+	No	0	0.00	0.00	0.00	0.00	0.10	4.01	0.06	4.17
HARVARD	LM+	Yes	100	22.60	33.00	12.40	68.00	33.00	48.90	19.30	101.20
HAWAII		Yes	100	1.00	5.00	6.00	12.00	1.00	5.00	8.50	14.50
HOUSTON	+	No	0	0.00	0.00	0.00	0.00	0.10	2.25	0.35	2.70
ILLINOIS, URBANA	L	Yes	25	2.25	0.33	1.08	3.66	9.49	4.24	5.73	19.46
INDIANA	L	Yes	100	3.00	4.00	3.00	10.00	3.10	9.30	9.60	22.00
IOWA	LM+	Yes	100	4.00	8.00	4.00	16.00	4.00	9.00	5.00	18.00
IOWA STATE	+	Yes	100	1.00	8.50	3.16	12.66	1.00	8.50	3.16	12.66
JOHNS HOPKINS	MB+	Yes	45	1.45	4.00	1.19	6.64	1.67	6.04	1.64	9.35
KANSAS	LMB+	Yes	100	2.00	2.00	10.25	14.25	2.75	4.45	12.04	19.24
KENT STATE	+	No	U/A	U/A	U/A	U/A	U/A	0.00	3.00	1.00	4.00
KENTUCKY	LM+	Yes	100	2.00	8.50	3.50	14.00	4.32	12.59	7.48	24.39

+ - See Footnotes
L - Includes Law library
B - Includes branch campuses
M - Includes Medical library
U/A - Unavailable

ARL PRESERVATION STATISTICS 1999-2000
TABLE 1
PERSONNEL (FTE)

INSTITUTION	Notes	Pres. Admin.	% time on Pres. Activ.	Pres. Unit Prof. Staff	Pres. Unit Support Staff	Pres. Unit Student Assist.	Pres. Unit Total Staff	Library-Wide Prof. Staff	Library-Wide Support Staff	Library-Wide Student Assist.	Library-Wide Total Staff
(Survey Question #)		1	2	4a	4b	4c	4d	5a	5b	5c	5d
LAVAL	LM+	Yes	100	1.00	7.00	0.00	8.00	1.20	7.30	0.00	8.50
LOUISIANA STATE	L+	No	0	0.00	0.00	0.00	0.00	0.65	8.50	5.00	14.15
MCMASTER	+	Yes	100	2.00	0.00	0.30	2.30	2.00	0.50	0.30	2.80
MARYLAND		Yes	100	1.50	2.75	5.30	9.55	1.50	2.75	5.30	9.55
MASSACHUSETTS	+	No	0	0.00	0.00	0.00	0.00	0.34	3.43	1.10	4.87
MIT		Yes	100	1.50	2.70	1.80	6.00	3.60	4.00	3.80	11.40
MIAMI	LMB+	No	0	0.00	0.00	0.00	0.00	0.00	11.08	3.00	14.08
MICHIGAN	M+	Yes	100	8.00	16.50	0.63	25.13	11.41	20.30	2.62	34.33
MICHIGAN STATE	+	Yes	100	1.50	4.00	2.75	8.25	2.30	6.30	6.50	15.10
MINNESOTA	LM+	No	10	0.10	1.55	0.80	2.45	0.45	8.45	3.45	12.35
NEBRASKA	+	Yes	50	1.40	9.75	1.50	12.65	3.43	12.50	2.50	18.43
NEW MEXICO	LM+	No	0	0.00	0.00	0.00	0.00	0.00	3.00	1.00	4.00
NEW YORK	LMB+	Yes	100	3.00	4.00	4.60	11.60	3.10	6.16	6.10	15.36
NORTH CAROLINA	LM+	Yes	100	1.00	5.00	0.65	6.65	6.23	12.59	9.76	28.58
NORTH CAROLINA STATE	+	Yes	100	1.75	5.00	4.10	10.85	1.75	5.10	4.10	10.95
NORTHWESTERN	LMB+	Yes	100	3.75	6.75	2.75	13.25	8.55	11.82	6.66	27.03
NOTRE DAME	LB+	Yes	100	1.00	7.00	2.80	10.80	1.11	9.79	3.25	14.15
OHIO	MB+	Yes	100	2.00	2.00	2.50	6.50	3.19	4.40	4.75	12.34
OHIO STATE	LM	Yes	100	2.50	7.00	2.20	11.70	3.50	14.00	5.90	23.40
OKLAHOMA	LM	No	15	0.33	0.50	0.37	1.20	0.36	1.18	1.88	3.42
OREGON	L+	Yes	100	3.00	10.00	4.70	17.70	3.60	10.70	5.50	19.80
PENNSYLVANIA	LM	No	U/A	0.00	0.00	0.00	0.00	2.75	6.50	11.00	20.25
PENNSYLVANIA STATE		Yes	100	1.00	10.30	0.50	11.80	1.25	10.40	1.50	13.15
PITTSBURGH	+	Yes	100	1.00	3.00	3.00	7.00	2.00	11.00	3.00	16.00
PRINCETON	+	Yes	100	5.00	3.76	0.62	9.38	6.51	7.66	3.06	17.23
PURDUE	+	No	0	0.00	0.00	0.00	0.00	0.70	6.00	0.70	7.40
QUEEN'S	LM+	No	10	0.10	1.20	0.00	1.30	0.20	4.00	0.00	4.20
RICE		Yes	100	1.00	4.00	0.58	5.58	1.00	4.10	0.58	5.68
ROCHESTER	MB+	Yes	100	3.00	3.71	2.90	9.61	3.50	4.86	3.30	11.66
RUTGERS	LB+	No	0	0.00	0.00	0.00	0.00	1.10	0.50	0.75	2.35
SASKATCHEWAN	LM+	No	U/A	0.00	0.00	0.00	0.00	0.35	4.20	0.05	4.60
SOUTH CAROLINA	LM+	Yes	100	2.00	0.10	1.00	3.10	2.02	1.50	1.10	4.62
SOUTHERN CALIFORNIA	LMB+	No	10	0.10	2.00	1.50	3.60	0.14	2.76	2.51	5.41
SOUTHERN ILLINOIS	L	No	20	0.20	1.00	5.02	6.22	0.25	2.60	7.02	9.87
STANFORD	B+	Yes	100	5.20	14.00	2.39	21.59	6.58	18.84	4.27	29.69
SUNY-ALBANY	B+	Yes	100	2.00	1.00	0.81	3.81	2.25	4.50	1.06	7.81
SUNY-BUFFALO	LM	Yes	75	3.50	2.00	1.90	7.40	7.00	5.25	5.40	17.65
SUNY-STONY BROOK	MB	Yes	50	0.50	1.00	0.66	2.16	0.50	1.66	1.00	3.16
SYRACUSE	L+	Yes	100	2.25	3.50	0.38	6.13	3.25	3.58	0.63	7.46
TEMPLE	LMB+	No	0	0.00	0.00	0.00	0.00	2.80	1.70	1.80	6.30
TENNESSEE	LB+	Yes	50	1.50	4.00	3.00	8.50	1.75	5.05	3.20	10.00
TEXAS	L+	Yes	100	8.00	13.25	0.79	22.04	10.10	16.88	2.28	29.26
TEXAS A&M	MB+	Yes	75	0.75	1.00	1.00	2.75	0.75	8.35	7.22	16.32
TEXAS TECH	LMB+	Yes	100	1.00	1.00	4.00	6.00	1.00	3.80	8.50	13.30
TORONTO	MB+	Yes	100	4.00	14.66	0.00	18.66	5.00	15.66	0.00	20.66
TULANE	LMB+	Yes	100	1.00	4.00	0.50	5.50	1.30	5.00	1.00	7.30

+ - See Footnotes
L - Includes Law library
B - Includes branch campuses
M - Includes Medical library
U/A - Unavailable

ARL PRESERVATION STATISTICS 1999-2000
TABLE 1
PERSONNEL (FTE)

INSTITUTION	Notes	Pres. Admin.	% time on Pres. Activ.	Pres. Unit Prof. Staff	Pres. Unit Support Staff	Pres. Unit Student Assist.	Pres. Unit Total Staff	Library-Wide Prof. Staff	Library-Wide Support Staff	Library-Wide Student Assist.	Library-Wide Total Staff
(Survey Question #)		1	2	4a	4b	4c	4d	5a	5b	5c	5d
UTAH	+	Yes	100	1.00	7.00	3.50	11.50	1.00	7.00	3.50	11.50
VANDERBILT	LM	Yes	100	1.00	6.00	0.20	7.20	1.50	12.16	1.68	15.34
VIRGINIA	LM+	Yes	50	0.00	5.00	1.50	6.50	0.00	5.12	1.50	6.62
VIRGINIA TECH		No	5	0.00	4.00	4.00	8.00	0.00	4.00	4.00	8.00
WASHINGTON	LMB+	Yes	100	1.00	0.50	0.07	1.57	1.75	11.51	3.15	16.41
WASHINGTON STATE	B+	No	0	0.00	0.00	0.00	0.00	0.03	3.12	0.03	3.18
WASHINGTON U.-ST. LOUIS	LMB+	Yes	100	1.05	5.30	2.35	8.70	1.05	5.30	2.35	8.70
WATERLOO		No	U/A	0.00	0.00	0.00	0.00	0.00	3.80	U/A	3.80
WAYNE STATE	LMB+	No	0	0.00	0.00	0.00	0.00	0.16	3.45	1.50	5.11
WESTERN ONTARIO	L+	No	0	0.00	0.00	0.00	0.00	0.05	0.05	0.00	0.10
WISCONSIN	LM+	Yes	25	4.25	10.23	4.45	18.93	4.83	13.63	8.46	26.92
YALE	LM+	Yes	100	6.00	21.50	3.00	30.50	8.30	23.50	4.00	35.80
YORK	LB+	No	0	0.00	0.00	0.00	0.00	0.08	2.90	0.33	3.31
BOSTON PUBLIC LIBRARY		No	0	0.00	0.00	0.00	0.00	3.00	6.00	0.50	9.50
LIBRARY OF CONGRESS	L+	Yes	100	53.00	103.00	0.00	156.00	78.00	107.00	0.00	185.00
NATL. LIBRARY OF CANADA	+	Yes	100	0.00	0.00	0.00	0.00	11.59	5.94	0.28	17.81
NATL. LIBRARY OF MEDICINE	M+	Yes	80	5.20	8.20	2.60	16.00	7.00	9.50	3.60	20.10
NEW YORK PUBLIC LIBRARY	+	Yes	100	9.00	43.00	0.00	52.00	26.90	50.10	0.00	77.00
NEW YORK STATE LIBRARY	LM+	Yes	100	1.50	8.00	0.00	9.50	1.50	9.00	0.00	10.50

SUMMARY DATA

	Pres. Unit Prof. Staff	Pres. Unit Support Staff	Pres. Unit Student Assist.	Pres. Unit Total Staff	Library-Wide Prof. Staff	Library-Wide Support Staff	Library-Wide Student Assist.	Library-Wide Total Staff
(Survey Question #)	4a	4b	4c	4d	5a	5b	5c	5d
University Totals	182.06	448.19	184.15	814.40	281.42	786.61	365.35	1,433.38
Nonuniversity Totals	68.70	162.20	2.60	233.50	127.99	187.54	4.38	319.91
TOTAL	250.76	610.39	186.75	1,047.90	409.41	974.15	369.73	1,753.29
# of Libraries Reporting	109	109	109	109	110	110	109	110

+ - See Footnotes
L - Includes Law library
B - Includes branch campuses
M - Includes Medical library
U/A - Unavailable

ARL PRESERVATION STATISTICS 1999-2000
TABLE 2
EXPENDITURES

INSTITUTION	Notes	Total Salaries & Wages	Contract Conservation	Contract Binding	Contract Preservation: Photocopy	Contract Preservation: Microfilm	Other Contract Expend.	Total Contract Expend.	Supplies
(Survey Question #)		6d	7a	7b	7c	7d	7e	7f	8
ALABAMA	LM+	91,483	52,000	134,741	0	0	0	186,741	7,104
ARIZONA		110,378	2,500	186,050	0	0	0	188,550	16,725
ARIZONA STATE	LB+	304,952	17,748	184,990	4,258	3,259	0	210,255	149,869
AUBURN	+	110,344	0	105,524	0	0	0	105,524	16,573
BOSTON		128,995	0	126,039	0	0	0	126,039	17,388
BRIGHAM YOUNG	+	268,479	0	223,574	0	0	0	223,574	31,746
BRITISH COLUMBIA	LM+	164,358	2,872	118,083	0	12,272	0	133,227	5,296
BROWN	M+	553,980	1,905	262,815	2,415	0	0	267,135	24,820
CALIFORNIA, BERKELEY	+	992,084	0	802,068	28,484	117,720	25,672	973,944	76,062
CALIFORNIA, DAVIS	M+	198,636	0	218,907	5,906	2,577	0	227,390	46,876
CALIFORNIA, IRVINE	M+	284,690	0	182,781	344	3,231	1,155	187,511	3,000
CALIFORNIA, LOS ANGELES	LM+	612,036	41,500	499,296	650	14,831	1,184	557,461	34,673
CALIFORNIA, RIVERSIDE		179,316	1,600	211,297	0	0	0	212,897	11,079
CALIFORNIA, SAN DIEGO	M+	352,681	4,255	309,836	1,713	1,188	528	317,520	44,877
CALIFORNIA, SANTA BARBARA	+	125,338	0	188,139	0	460	0	188,599	U/A
CASE WESTERN RESERVE	LM+	155,850	0	98,895	275	0	2,097	101,267	6,123
CHICAGO	LM+	736,551	17,029	420,532	7,654	131,912	3,927	581,054	8,056
CINCINNATI	LM+	233,490	0	150,739	0	0	0	150,739	9,481
COLORADO	+	329,888	30,482	169,211	2,914	0	0	202,607	17,000
COLORADO STATE	+	234,415	2,825	120,017	574	161	0	123,577	17,932
COLUMBIA	+	916,574	105,652	632,126	29,779	243,705	192,986	1,204,248	34,801
CONNECTICUT	LMB+	274,580	10,484	276,886	44	0	0	287,414	22,554
CORNELL	LMB+	1,110,134	0	179,311	5,898	53,411	0	238,620	74,756
DARTMOUTH	M	234,076	0	222,994	10,297	0	0	233,291	11,407
DELAWARE		178,666	16,780	99,267	5,160	834	200	122,241	20,749
DUKE	LM+	253,231	1,058	271,251	0	0	2,498	274,807	27,565
EMORY	LMB+	348,871	13,655	152,106	0	0	2,674	168,435	26,794
FLORIDA	+	258,085	16,760	171,488	0	117,231	19,447	324,926	9,968
FLORIDA STATE	+	208,950	0	214,899	0	0	0	214,899	1,000
GEORGE WASHINGTON	LMB+	110,223	0	95,343	0	0	0	95,343	3,467
GEORGETOWN	LM+	313,655	9,215	210,150	17,489	0	18,061	254,915	3,324
GEORGIA	L+	603,763	74,106	210,782	3,232	0	1,347	289,467	33,730
GEORGIA TECH		182,008	0	77,967	0	6,000	0	83,967	3,000
GUELPH	+	96,258	2,038	65,658	0	0	0	67,697	13,062
HARVARD	LM+	3,060,347	165,393	858,120	25,679	295,597	13,854	1,358,643	260,937
HAWAII		213,445	0	239,061	0	57,781	0	296,842	35,192
HOUSTON	+	46,993	0	98,465	0	0	0	98,465	6,347
ILLINOIS, URBANA	L	523,078	0	415,303	12,958	50,564	16,880	495,705	34,978
INDIANA	L	400,314	0	270,964	0	12,012	19,800	302,776	41,345
IOWA	LM+	437,126	0	222,640	0	8,469	0	231,109	70,191
IOWA STATE	+	283,389	8,155	184,980	17,523	241	0	210,899	36,625
JOHNS HOPKINS	MB+	222,842	3,345	120,825	11,451	0	54,839	190,460	29,981
KANSAS	LMB+	313,013	0	120,758	21,563	9,824	0	152,145	42,572

+ - See Footnotes
L - Includes Law library
B - Includes branch campuses
M - Includes Medical library
U/A - Unavailable

ARL PRESERVATION STATISTICS 1999-2000
TABLE 2
EXPENDITURES

Equipment	Total Preserv. Expend.	Preserv. Expend. from External Sources	Library Expend. (from *ARL Statistics*)	Preserv. as % of Total Library Expend.	Materials Expend. (from *ARL Statistics*)	Preserv. as % of Total Materials Expend.	
9	10	11	-a-	-b-	-c-	-d-	(Survey Question #)
							INSTITUTION
35,528	320,856	0	10,829,696	2.96	4,924,184	6.52	ALABAMA
5,000	320,653	0	22,629,734	1.42	10,066,967	3.19	ARIZONA
2,231	667,307	0	22,782,527	2.93	9,226,011	7.23	ARIZONA STATE
0	232,441	0	10,220,052	2.27	4,158,803	5.59	AUBURN
0	272,422	0	15,198,803	1.79	5,805,618	4.69	BOSTON
0	523,799	0	15,591,412	3.36	5,198,466	10.08	BRIGHAM YOUNG
2,020	304,901	15,758	13,635,827	2.24	5,611,730	5.43	BRITISH COLUMBIA
3,595	849,530	20,783	14,278,430	5.95	5,299,696	16.03	BROWN
2,852	2,044,942	283,173	38,430,031	5.32	13,499,097	15.15	CALIFORNIA, BERKELEY
7,899	480,801	2,577	20,452,129	2.35	9,235,458	5.21	CALIFORNIA, DAVIS
1,000	476,201	0	17,524,020	2.72	6,869,863	6.93	CALIFORNIA, IRVINE
0	1,204,170	0	37,599,170	3.20	10,608,280	11.35	CALIFORNIA, LOS ANGELES
5,789	409,081	14,416	10,525,524	3.89	4,006,637	10.21	CALIFORNIA, RIVERSIDE
5,208	720,286	0	20,800,154	3.46	6,489,326	11.10	CALIFORNIA, SANDIEGO
0	313,937	10,000	13,053,896	2.40	4,116,507	7.63	CALIFORNIA, SANTABARBARA
790	264,030	0	11,415,956	2.31	4,723,693	5.59	CASE WESTERN RESERVE
36,353	1,362,014	368,744	22,315,487	6.10	9,615,026	14.17	CHICAGO
0	393,710	0	17,244,949	2.28	7,025,585	5.60	CINCINNATI
21,530	571,025	0	16,464,479	3.47	7,864,235	7.26	COLORADO
5,157	381,081	48,333	12,515,306	3.04	6,315,673	6.03	COLORADO STATE
6,094	2,161,717	780,512	34,399,719	6.28	12,883,879	16.78	COLUMBIA
1,640	586,188	0	22,916,939	2.56	7,726,340	7.59	CONNECTICUT
27,312	1,450,822	0	35,425,651	4.10	11,605,467	12.50	CORNELL
0	478,774	0	13,802,562	3.47	5,987,075	8.00	DARTMOUTH
0	321,656	0	12,814,210	2.51	5,917,523	5.44	DELAWARE
4,702	560,305	0	24,895,354	2.25	10,384,223	5.40	DUKE
42,840	586,940	27,772	24,336,897	2.41	10,057,430	5.84	EMORY
0	592,979	59,924	23,290,912	2.55	9,780,417	6.06	FLORIDA
0	424,849	0	12,439,285	3.42	5,639,033	7.53	FLORIDA STATE
0	209,033	0	14,530,047	1.44	5,795,082	3.61	GEORGE WASHINGTON
1,154	573,048	0	18,650,513	3.07	7,444,921	7.70	GEORGETOWN
67,000	993,960	27,106	20,083,453	4.95	8,906,488	11.16	GEORGIA
0	268,975	5,082	9,064,791	2.97	4,373,863	6.15	GEORGIA TECH
0	177,016	0	4,346,005	4.07	1,850,167	9.57	GUELPH
32,062	4,711,989	410,055	80,862,137	5.83	22,261,500	21.17	HARVARD
6,949	552,428	0	12,606,989	4.38	4,775,841	11.57	HAWAII
0	151,805	0	13,220,958	1.15	6,156,923	2.47	HOUSTON
22,593	1,076,354	149,767	27,698,982	3.89	9,770,371	11.02	ILLINOIS, URBANA
35,499	779,934	37,181	26,459,375	2.95	10,751,062	7.25	INDIANA
2,502	740,928	0	21,098,919	3.51	9,032,563	8.20	IOWA
7,961	538,874	3,445	14,603,175	3.69	6,744,281	7.99	IOWA STATE
2,952	446,235	0	24,302,865	1.84	9,762,095	4.57	JOHNS HOPKINS
26,842	534,572	0	15,556,397	3.44	6,317,402	8.46	KANSAS

U/A - Unavailable

ARL PRESERVATION STATISTICS 1999-2000
TABLE 2
EXPENDITURES

INSTITUTION	Notes	Total Salaries & Wages	Contract Conservation	Contract Binding	Contract Preservation: Photocopy	Contract Preservation: Microfilm	Other Contract Expend.	Total Contract Expend.	Supplies
(Survey Question #)		6d	7a	7b	7c	7d	7e	7f	8
KENT STATE	+	82,082	U/A	83,719	U/A	U/A	0	83,719	6,000
KENTUCKY	LM+	498,059	3,721	199,768	0	0	13,153	216,642	54,895
LAVAL	LM+	199,499	0	6,318	0	1,359	0	7,677	32,674
LOUISIANA STATE	L+	256,765	24,832	104,092	0	0	0	128,924	20,582
MCMASTER	+	73,918	0	96,956	6,414	0	0	103,370	9,477
MARYLAND		647,494	14,506	211,016	9,484	233,105	64,703	532,814	20,946
MASSACHUSETTS	+	135,395	0	177,903	0	1,588	0	179,491	5,576
MIT		367,174	0	200,846	0	0	0	200,846	27,550
MIAMI	LMB+	230,346	0	115,848	0	0	0	115,848	18,265
MICHIGAN	M+	1,033,435	6,293	344,036	5,318	80,916	388,678	825,241	56,402
MICHIGAN STATE	+	459,656	12,473	257,325	8,643	0	41,737	320,178	35,459
MINNESOTA	LM+	345,068	57,150	402,417	32,688	40,000	170,000	702,255	20,149
NEBRASKA	+	383,517	9,719	166,149	0	30,308	1,248	207,424	15,446
NEW MEXICO	LM+	670,320	0	178,962	0	0	0	178,962	42,569
NEW YORK	LMB+	308,458	3,724	534,810	21,455	83,597	0	643,586	12,354
NORTH CAROLINA	LM+	695,005	0	232,276	U/A	0	24,732	257,008	33,534
NORTH CAROLINA STATE	+	191,578	7,365	173,377	0	0	0	180,742	37,790
NORTHWESTERN	LMB+	536,416	0	170,729	16,960	38,271	76,081	302,041	22,320
NOTRE DAME	LB+	357,827	473	153,833	3,220	7,995	6,432	181,953	31,564
OHIO	MB+	264,722	667	97,529	0	0	2,689	100,885	20,000
OHIO STATE	LM	599,727	22,320	322,383	29,242	8,801	2,567	385,313	46,631
OKLAHOMA	LM	40,005	6,472	108,719	2,312	0	0	117,503	3,781
OREGON	L+	385,899	0	164,218	0	750	0	164,968	443,719
PENNSYLVANIA	LM	367,308	20,175	342,603	7,457	3,809	0	374,044	14,638
PENNSYLVANIA STATE		356,855	22,893	508,296	0	1,946	0	533,135	17,056
PITTSBURGH	+	119,244	19,670	192,024	15,000	71,843	80,000	378,537	9,050
PRINCETON	+	782,421	0	494,885	65,100	57,000	23,301	640,286	136,215
PURDUE	+	132,545	0	131,570	0	0	0	131,570	7,840
QUEEN'S	LM+	126,298	0	112,009	0	0	0	112,009	1,359
RICE		150,325	0	85,361	0	0	0	85,361	23,398
ROCHESTER	MB+	252,544	3,158	119,016	12,745	19,373	0	154,292	15,320
RUTGERS	LB+	70,500	14,930	208,753	0	0	0	223,683	4,671
SASKATCHEWAN	LM+	90,883	0	75,918	0	0	0	75,918	68
SOUTH CAROLINA	LM+	124,197	0	152,937	0	0	0	152,937	16,633
SOUTHERN CALIFORNIA	LMB+	105,329	0	234,251	0	0	0	234,251	45,133
SOUTHERN ILLINOIS	L	150,492	0	146,992	0	0	0	146,992	19,840
STANFORD	B+	1,110,505	1,500	662,910	0	2,390	12,086	678,886	111,352
SUNY-ALBANY	B+	198,235	480	69,686	2,942	0	1,785	74,893	17,314
SUNY-BUFFALO	LM	542,738	0	128,338	0	4,316	3,430	136,084	11,376
SUNY-STONY BROOK	MB	67,719	0	77,299	3,840	0	0	81,139	10,849
SYRACUSE	L+	200,120	7,861	90,231	0	0	705	98,797	12,563
TEMPLE	LMB+	191,554	2,042	149,344	0	0	0	151,386	0
TENNESSEE	LB+	198,343	270	134,764	1,969	0	0	137,003	U/A

+ - See Footnotes
L - Includes Law library
B - Includes branch campuses
M - Includes Medical library
U/A - Unavailable

ARL PRESERVATION STATISTICS 1999-2000
TABLE 2
EXPENDITURES

Equipment	Total Preserv. Expend.	Preserv. Expend. from External Sources	Library Expend. (from *ARL Statistics*)	Preserv. as % of Total Library Expend.	Materials Expend. (from *ARL Statistics*)	Preserv. as % of Total Materials Expend.	
9	10	11	-a-	-b-	-c-	-d-	(Survey Question #)
							INSTITUTION
0	171,801	0	10,649,146	1.61	3,138,641	5.47	KENT STATE
38,686	808,282	36,000	20,111,259	4.02	7,695,091	10.50	KENTUCKY
0	239,850	0	6,886,770	3.48	2,805,291	8.55	LAVAL
4,239	410,510	0	11,340,139	3.62	4,802,767	8.55	LOUISIANA STATE
12,427	199,193	6,074	5,806,517	3.43	2,612,706	7.62	MCMASTER
10,580	1,211,834	363,214	18,900,661	6.41	6,848,718	17.69	MARYLAND
0	320,462	33,650	13,034,012	2.46	5,261,093	6.09	MASSACHUSETTS
0	595,570	0	14,104,841	4.22	5,025,730	11.85	MIT
0	364,459	0	14,221,573	2.56	6,707,956	5.43	MIAMI
21,794	1,936,872	497,425	41,368,972	4 68	16,400,899	11.81	MICHIGAN
15,680	830,973	76,664	18,442,538	4.51	6,936,030	11.98	MICHIGAN STATE
109	1,067,581	210,000	29,993,696	3.56	10,371,125	10.29	MINNESOTA
5,355	611,742	125,405	11,861,594	5.16	5,418,677	11.29	NEBRASKA
3,125	894,976	20,000	18,847,024	4.75	6,040,676	14.82	NEW MEXICO
0	964,398	184,514	28,694,958	3.36	9,914,991	9.73	NEW YORK
8,414	993,961	115,574	24,985,564	3.98	9,605,761	10.35	NORTH CAROLINA
6,936	417,046	0	19,442,070	2.15	7,763,882	5.37	NORTH CAROLINA STATE
1,400	862,177	118,515	20,667,079	4.17	8,398,999	10.27	NORTHWESTERN
6,000	577,344	0	17,225,138	3.35	8,003,175	7.21	NOTRE DAME
12,375	397,982	35,256	11,488,112	3.46	4,406,119	9.03	OHIO
5,730	1,037,401	77,036	26,275,208	3.95	10,270,816	10.10	OHIO STATE
0	161,289	0	12,383,224	1.30	6,347,417	2.54	OKLAHOMA
0	994,586	478,892	12,920,257	7.70	5,680,558	17.51	OREGON
0	755,990	0	30,050,614	2.52	10,305,052	7.34	PENNSYLVANIA
39,152	946,198	33,848	35,368,278	2.68	13,032,634	7.26	PENNSYLVANIA STATE
9,129	515,960	74,176	22,315,470	2.31	9,704,395	5.32	PITTSBURGH
8,801	1,567,723	45,412	29,434,902	5.33	9,899,960	15.84	PRINCETON
4,304	276,259	0	14,265,362	1.94	5,301,126	5.21	PURDUE
0	239,665	0	6,499,583	3.69	2,918,781	8.21	QUEEN'S
0	259,084	0	19,134,032	1.35	6,707,980	3.86	RICE
16,339	438,495	152,643	12,311,169	3.56	4,598,169	9.54	ROCHESTER
6,150	305,004	62,377	26,653,121	1.14	8,516,772	3.58	RUTGERS
0	166,868	0	5,492,537	3.04	2,458,800	6.79	SASKATCHEWAN
89,415	383,182	35,000	17,221,441	2.23	6,136,289	6.24	SOUTH CAROLINA
0	384,713	0	25,140,799	1.53	9,441,062	4.07	SOUTHERN CALIFORNIA
4,294	321,618	9,000	12,603,857	2.55	5,817,612	5.53	SOUTHERN ILLINOIS
16,897	1,917,640	127,832	57,815,112	3.32	16,291,337	11.77	STANFORD
7,120	297,562	124,125	10,147,513	2.93	4,002,944	7.43	SUNY-ALBANY
0	690,198	126,000	15,228,049	4.53	5,644,136	12.23	SUNY-BUFFALO
10,550	170,257	0	11,840,433	1.44	5,485,966	3.10	SUNY-STONY BROOK
19,525	331,005	128,991	11,177,061	2.96	4,383,578	7.55	SYRACUSE
0	342,940	0	12,961,547	2.65	5,829,959	5.88	TEMPLE
0	335,346	0	14,703,996	2.28	6,823,023	4.91	TENNESSEE

U/A - Unavailable

ARL PRESERVATION STATISTICS 1999-2000
TABLE 2
EXPENDITURES

		Total Salaries & Wages	Contract Conservation	Contract Binding	Contract Preservation: Photocopy	Contract Preservation: Microfilm	Other Contract Expend.	Total Contract Expend.	Supplies
(Survey Question #)		6d	7a	7b	7c	7d	7e	7f	8
INSTITUTION	Notes								
TEXAS	L+	747,696	0	139,339	10,744	20,000	65	170,148	74,870
TEXAS A&M	MB+	277,619	1,800	170,689	0	18,674	0	191,163	22,958
TEXAS TECH	LMB+	210,500	0	101,673	2,500	0	0	104,173	18,500
TORONTO	MB+	584,988	0	363,188	0	5,877	0	369,064	U/A
TULANE	LMB+	132,866	42,270	175,581	0	0	0	217,851	17,746
UTAH	+	235,853	0	169,012	0	9,140	0	178,152	58,806
VANDERBILT	LM	312,805	5,747	184,756	171	569	0	191,243	2,325
VIRGINIA	LM+	U/A	0	177,897	0	0	0	177,897	27,715
VIRGINIA TECH		107,987	0	102,592	0	5,027	0	107,619	13,906
WASHINGTON	LMB+	495,661	0	245,396	7,836	35,798	8,290	297,320	24,543
WASHINGTON STATE	B+	93,371	0	102,610	0	643	0	103,253	3,500
WASHINGTON U.-ST. LOUIS	LMB+	173,246	2,000	138,392	5,000	0	1,564	146,956	11,571
WATERLOO		73,243	1,019	58,503	U/A	U/A	U/A	59,522	5,111
WAYNE STATE	LMB+	108,295	1,575	114,236	0	0	0	115,811	300
WESTERN ONTARIO	L+	U/A	6,794	121,275	0	0	0	128,069	2,038
WISCONSIN	LM+	606,669	4,405	151,027	0	0	18,766	174,198	43,761
YALE	LM+	1,098,147	33,251	461,082	30,486	118,451	560	643,830	25,504
YORK	LB+	74,815	2,674	142,802	543	0	0	146,019	8,549
BOSTON PUBLIC LIBRARY		331,739	0	128,478	0	58,337	0	186,815	7,000
LIBRARY OF CONGRESS	L+	8,101,492	112,455	1,500,122	43,826	678,492	0	2,334,895	577,661
NATL. LIBRARY OF CANADA	+	458,585	0	2,290	0	373,662	2,769	378,721	10,778
NATL. LIBRARY OF MEDICINE	M+	889,547	78,755	299,730	15,861	952,153	826,144	2,172,643	31,912
NEW YORK PUBLIC LIBRARY	+	1,420,520	40,145	521,833	23,846	249,937	39,506	875,267	164,111
NEW YORK STATE LIBRARY	LM+	337,670	0	32,567	0	0	0	32,567	23,437

SUMMARY DATA

	Total Salaries & Wages	Contract Conservation	Contract Binding	Contract Preservation: Photocopy	Contract Preservation: Microfilm	Other Contract Expend.	Total Contract Expend.	Supplies
(Survey Question #)	6d	7a	7b	7c	7d	7e	7f	8
University Totals	36,191,846	965,586	21,865,343	528,329	2,044,826	1,319,721	26,723,805	3,243,085
Nonuniversity Totals	11,539,553	231,355	2,485,020	83,533	2,312,581	868,419	5,980,908	814,899
TOTAL	47,731,399	1,196,941	24,350,363	611,862	4,357,406	2,188,140	32,704,713	4,057,983
# of Libraries Reporting	108	109	110	107	108	109	110	107

+ - See Footnotes
L - Includes Law library
B - Includes branch campuses
M - Includes Medical library
U/A - Unavailable

ARL PRESERVATION STATISTICS 1999-2000
TABLE 2
EXPENDITURES

Equipment	Total Preserv. Expend.	Preserv. Expend. from External Sources	Library Expend. (from *ARL Statistics*)	Preserv. as % of Total Library Expend.	Materials Expend. (from *ARL Statistics*)	Preserv. as % of Total Materials Expend.	
9	10	11	-a-	-b-	-c-	-d-	(Survey Question #)
							INSTITUTION
8,839	1,001,553	40,962	31,437,601	3.19	11,022,592	9.09	TEXAS
7,272	499,012	32,756	21,844,108	2.28	8,890,010	5.61	TEXAS A&M
3,500	336,673	0	14,535,824	2.32	6,437,271	5.23	TEXAS TECH
U/A	954,052	0	25,673,200	3.72	9,711,806	9.82	TORONTO
11,000	379,463	0	11,037,542	3.44	5,033,476	7.54	TULANE
0	472,811	0	20,860,192	2.27	7,272,994	6.50	UTAH
0	506,373	0	16,992,146	2.98	7,063,263	7.17	VANDERBILT
U/A	205,612	U/A	25,844,109	0.80	8,394,669	2.45	VIRGINIA
0	229,512	0	11,499,340	2.00	5,300,216	4.33	VIRGINIA TECH
1,000	818,524	3,814	30,783,622	2.66	11,389,434	7.19	WASHINGTON
0	200,124	0	12,661,327	1.58	5,366,389	3.73	WASHINGTON STATE
963	332,736	0	22,861,105	1.46	7,293,040	4.56	WASHINGTON U.-ST. LOUIS
U/A	137,876	U/A	6,131,141	2.25	2,776,783	4.97	WATERLOO
0	224,406	0	17,877,908	1.26	5,626,286	3.99	WAYNE STATE
0	130,107	340	7,949,305	1.64	3,989,675	3.26	WESTERN ONTARIO
10,402	835,030	23,286	31,291,741	2.67	9,107,398	9.17	WISCONSIN
10,983	1,778,464	0	47,251,528	3.76	19,143,619	9.29	YALE
0	229,383	0	8,786,666	2.61	3,308,899	6.93	YORK
26,792	552,346	15,000	39,672,173	1.39	7,336,929	7.53	BOSTON PUBLIC LIBRARY
267,859	11,281,907	619,778	472,396,000	2.39	9,164,262	123.11	LIBRARY OF CONGRESS
569	848,653	0	13,656,284	6.21	814,023	104.25	NATL. LIBRARY OF CANADA
82,897	3,176,999	8,333	34,986,767	9.08	4,896,000	64.89	NATL. LIBRARY OF MEDICINE
107,818	2,567,716	691,477	47,913,722	5.36	11,826,302	21.71	NEW YORK PUBLIC LIBRARY
675	394,349	130,400	10,264,462	3.84	2,466,000	15.99	NEW YORK STATE LIBRARY

SUMMARY DATA

Equipment	Total Preserv. Expend.	Preserv. Expend. from External Sources	Library Expend. (from *ARL Statistics*)	Materials Expend. (from *ARL Statistics*)	
9	10	11	-a-	-c-	(Survey Question #)
861,540	67,020,275	5,663,409	2,036,247,349	775,469,316	**University Totals**
486,610	18,821,970	1,464,988	618,889,408	36,503,516	**Nonuniversity Totals**
1,348,150	85,842,245	7,128,397	2,655,136,757	811,972,832	**TOTAL**
107	110	108	110	110	**# of Libraries Reporting**

U/A - Unavailable

ARL Preservation Statistics 1999-2000
Table 3
Conservation Treatment, Binding and Preservation Reformatting

		Volumes: Level 1 Treatment	Volumes: Level 2 Treatment	Volumes: Level 3 Treatment	Total Volumes Treated	Unbound Sheets Treated	Bound Vols. & Pamphlets Mass-Deac.	Linear Ft. of Unbound Mass-Deac.	Non-paper Items Treated	Protect. Enclosures Constr.
(Survey Question #)		12	13	14	15	16	17	18	19	20
INSTITUTION	Notes									
ALABAMA	LM+	1,366	76	19	1,461	16	0	0	250	3
ARIZONA		3,745	1,932	0	5,677	0	0	0	10	4,843
ARIZONA STATE	LB+	3,895	562	90	4,547	4,008	0	0	9,892	326
AUBURN	+	6,847	6,716	60	13,623	0	0	0	1,000	29
BOSTON		397	57	600	1,054	0	0	U/A	0	529
BRIGHAM YOUNG	+	1,432	7,304	1,309	10,045	115	0	0	2	316
BRITISH COLUMBIA	LM+	4,513	2,435	123	7,071	255	0	0	1	3,252
BROWN	M+	6,187	1,577	305	8,069	0	1,184	0	0	682
CALIFORNIA, BERKELEY	+	325	3,758	126	4,209	3,145	0	0	476	3,727
CALIFORNIA, DAVIS	M+	1,334	1,426	53	2,813	0	0	0	0	150
CALIFORNIA, IRVINE	M+	2,382	1,378	14	3,774	75	77	0	0	0
CALIFORNIA, LOS ANGELES	LM+	6,394	1,744	353	8,491	1,050	0	0	329	618
CALIFORNIA, RIVERSIDE		7,400	6,031	3	13,434	40	0	0	30	1,412
CALIFORNIA, SAN DIEGO	M+	5,399	278	6	5,683	430	0	0	1,144	457
CALIFORNIA, SANTA BARBARA	+	8,262	0	0	8,262	0	0	0	0	348
CASE WESTERN RESERVE	LM+	1,908	1,754	98	3,760	394	109	15	26	90
CHICAGO	LM+	1,988	104	107	2,199	243	0	0	0	633
CINCINNATI	LM+	3,061	2,034	30	5,125	22	0	0	0	660
COLORADO	+	4,102	335	343	4,788	262	0	0	0	10
COLORADO STATE	+	5,197	402	365	5,964	1,468	0	0	0	22
COLUMBIA	+	2,615	2,412	852	5,879	934	0	0	0	4,146
CONNECTICUT	LMB+	9,823	3,392	81	13,296	243	0	0	115	323
CORNELL	LMB+	60,255	1,784	114	62,153	362	476	0	53	1,507
DARTMOUTH	M	3,788	6,959	0	10,747	150	0	0	0	1,873
DELAWARE		5,553	1,524	141	7,218	2,421	0	0	0	606
DUKE	LM+	19,632	976	27	20,635	3,416	0	0	100	939
EMORY	LMB+	4,003	2,541	68	6,612	343	0	0	177	1,547
FLORIDA	+	6,809	2,408	153	9,370	271	0	0	99	3,940
FLORIDA STATE	+	2,464	1,189	179	3,832	0	0	0	0	309
GEORGE WASHINGTON	LMB+	5,068	1,230	0	6,298	0	0	0	0	59
GEORGETOWN	LM+	441	59	63	563	135	1,071	0	0	0
GEORGIA	L+	1,368	963	13	2,344	150	0	0	0	455
GEORGIA TECH		113	43	0	156	35	0	0	279	3
GUELPH	+	29,684	30	0	29,714	12	0	0	15 384	0
HARVARD	LM+	16,760	6,560	740	24,060	73,698	0	0	257	11,508
HAWAII		3,014	178	191	3,383	0	0	0	592	601
HOUSTON	+	454	2,126	0	2,580	0	0	0	0	46
ILLINOIS, URBANA	L	20,850	9,148	166	30,164	563	0	0	0	1,009
INDIANA	L	12,280	1,779	1,224	15,283	1,253	1,200	0	600	1,788
IOWA	LM+	5,957	3,157	79	9,193	708	0	0	1,000	2,011
IOWA STATE	+	3,037	1,023	213	4,273	5	0	0	0	135
JOHNS HOPKINS	MB+	4,254	1,507	200	5,861	272	3,533	256	0	18
KANSAS	LMB+	15,263	2,734	1,662	19,659	312	0	0	76	1,727

+ - See Footnotes
L - Includes Law library
B - Includes branch campuses
M - Includes Medical library
U/A - Unavailable

ARL Preservation Statistics 1999-2000
Table 3
Conservation Treatment, Binding and Preservation Reformatting

Volumes Commercially Bound	Entire Bound Volumes Photocopy	Entire Bound Volumes Microfilm	Entire Bound Volumes Digital	Single Unbound Sheets Photocopy	Single Unbound Sheets Microfilm	Single Unbound Sheets Digital	Non-paper Items Analog Means	Non-paper Items Digital Means	
21	22a	22b	22c	23a	23b	23c	24a	24b	(Survey Question #)
									INSTITUTION
9,545	0	0	0	0	0	0	0	60	ALABAMA
21,735	0	0	10	0	0	0	0	1,148	ARIZONA
31,364	29	0	0	9,713	0	0	404	2,124	ARIZONA STATE
10,256	0	0	0	0	2,100	0	0	1,000	AUBURN
14,022	0	0	0	0	0	0	0	0	BOSTON
19,128	2	0	0	0	0	0	0	0	BRIGHAM YOUNG
14,252	0	303	0	0	7,000	0	0	0	BRITISH COLUMBIA
28,692	128	60	0	0	400	150	0	0	BROWN
78,903	230	1,752	U/A	341	U/A	U/A	U/A	6,526	CALIFORNIA, BERKELEY
23,715	59	124	39	15,300	20,282	7,800	0	3,390	CALIFORNIA, DAVIS
14,982	11	4	0	0	6,549	0	0	0	CALIFORNIA, IRVINE
34,669	21	64	0	500	27,560	225	252	0	CALIFORNIA, LOS ANGELES
18,631	12	0	0	0	0	0	0	0	CALIFORNIA, RIVERSIDE
29,254	11	0	0	6,470	2,878	8	78	40	CALIFORNIA, SAN DIEGO
15,382	0	6	0	0	0	0	0	0	CALIFORNIA, SANTA BARBARA
13,790	62	0	3	529	0	271	0	0	CASE WESTERN RESERVE
82,038	0	3,845	34	0	0	5,125	0	0	CHICAGO
23,627	0	0	0	0	0	0	0	0	CINCINNATI
28,906	47	0	0	25	0	0	7	6	COLORADO
17,791	12	2	0	0	0	0	0	0	COLORADO STATE
80,165	319	7,989	0	0	0	702	1,355	652	COLUMBIA
35,604	35	0	0	0	0	0	0	0	CONNECTICUT
32,863	364	1,368	532	2,338	0	1,961	161	0	CORNELL
20,327	124	0	0	0	0	0	0	0	DARTMOUTH
14,276	71	2	0	0	0	0	0	0	DELAWARE
38,422	100	12	132	16,045	0	4,069	30	675	DUKE
19,590	303	196	0	0	0	5,680	0	177	EMORY
28,666	42	3,390	488	0	0	0	5	0	FLORIDA
23,525	0	0	U/A	0	0	0	0	0	FLORIDA STATE
8,696	3	0	0	0	0	0	0	0	GEORGE WASHINGTON
29,977	282	0	0	0	0	0	0	0	GEORGETOWN
36,719	37	0	18	8,856	635,598	20,543	357	88	GEORGIA
9,861	0	0	1	275	210,000	0	125	110	GEORGIA TECH
10,054	0	0	0	0	0	0	5	0	GUELPH
73,541	443	8,366	464	0	23,071	4,268	9	581	HARVARD
26,575	353	3,171	0	0	0	0	0	0	HAWAII
15,019	0	0	0	0	0	300	0	0	HOUSTON
31,340	0	0	U/A	162	0	U/A	U/A	U/A	ILLINOIS, URBANA
49,263	39	200	973	818	0	2,551	617	7,804	INDIANA
32,984	0	38	0	1,869	0	0	0	0	IOWA
31,538	199	1	0	0	0	0	0	0	IOWA STATE
17,524	115	0	107	20	0	0	0	0	JOHNS HOPKINS
19,957	212	43	2	0	0	25	0	0	KANSAS

U/A - Unavailable

ARL PRESERVATION STATISTICS 1999-2000
TABLE 3
CONSERVATION TREATMENT, BINDING AND PRESERVATION REFORMATTING

INSTITUTION	Notes	Volumes: Level 1 Treatment	Volumes: Level 2 Treatment	Volumes: Level 3 Treatment	Total Volumes Treated	Unbound Sheets Treated	Bound Vols. & Pamphlets Mass-Deac.	Linear Ft. of Unbound Mass-Deac.	Non-paper Items Treated	Protect. Enclosures Constr.
(Survey Question #)		12	13	14	15	16	17	18	19	20
KENT STATE	+	2,189	88	0	2,277	0	0	0	0	164
KENTUCKY	LM+	19,370	1,234	168	20,772	201	0	0	0	1,647
LAVAL	LM+	14,448	18,165	0	32,613	0	0	0	0	0
LOUISIANA STATE	L+	3,571	578	0	4,149	1,815	0	0	3,200	3,126
MCMASTER	+	2,711	1,370	407	4,488	3,064	0	0	0	1,370
MARYLAND		7,701	2,519	65	10,285	15	5,781	0	17	1,539
MASSACHUSETTS	+	2,512	464	11	2,987	5	0	0	0	380
MIT		1,570	1,130	7	2,707	10	0	0	0	210
MIAMI	LMB+	6,651	5,327	200	12,178	1,250	0	0	50	1,854
MICHIGAN	M+	11,495	2,040	108	13,643	589	7,165	0	1,980	379
MICHIGAN STATE	+	3,253	290	14	3,557	987	2,888	0	0	177
MINNESOTA	LM+	11,782	807	55	12,644	24,487	3,352	450	985	1,212
NEBRASKA	+	5,991	506	0	6,497	17	0	0	5	1,166
NEW MEXICO	LM+	3,309	8	0	3,317	3,500	0	0	120	1,000
NEW YORK	LMB+	9,744	18,119	76	27,939	288	0	0	0	23
NORTH CAROLINA	LM+	6,310	4,307	30	10,647	1,529	0	0	153	2,268
NORTH CAROLINA STATE	+	620	682	11	1,313	3	0	0	0	227
NORTHWESTERN	LMB+	3,798	3,965	48	7,811	140	5,437	0	0	1,617
NOTRE DAME	LB+	316	5,353	1,190	6,859	16	465	0	40	846
OHIO	MB+	2,434	3,433	959	6,826	50	0	0	0	491
OHIO STATE	LM	11,526	654	36	12,216	102	102	0	2	7,281
OKLAHOMA	LM	2,490	1,689	22	4,201	165	0	0	60	2,188
OREGON	L+	5,632	3,260	13	8,905	0	0	0	0	540
PENNSYLVANIA	LM	1,000	100	50	1,150	12,000	0	0	4,000	2,100
PENNSYLVANIA STATE		5,321	9	1	5,331	6,283	1,395	0	3,266	1,172
PITTSBURGH	+	209	435	0	644	280	4,228	20	0	60
PRINCETON	+	747	3,228	257	4,232	324	0	0	979	3,383
PURDUE	+	844	681	35	1,560	0	0	0	0	4
QUEEN'S	LM+	989	251	0	1,240	317	0	0	16	308
RICE		17,535	529	5	17,887	0	0	0	0	112
ROCHESTER	MB+	23,893	4,373	165	28,431	5,677	0	0	0	1,619
RUTGERS	LB+	3,486	80	15	3,581	265	0	0	9,160	512
SASKATCHEWAN	LM+	749	5,214	U/A	5,963	U/A	U/A	U/A	U/A	176
SOUTH CAROLINA	LM+	937	85	1	1,023	0	0	0	0	86
SOUTHERN CALIFORNIA	LMB+	1,421	2,684	0	4,105	0	0	0	200	1,709
SOUTHERN ILLINOIS	L	6,302	869	20	7,191	378	0	0	0	1,038
STANFORD	B+	13,297	1,919	89	15,305	259	0	0	232	4,487
SUNY-ALBANY	B+	87	1,166	3	1,256	0	0	0	0	35
SUNY-BUFFALO	LM	2,061	5,598	770	8,429	1	0	0	0	834
SUNY-STONY BROOK	MB	5,475	2,025	0	7,500	239	0	0	0	1,207
SYRACUSE	L+	11,728	1,568	2	13,298	2,701	0	0	0	478
TEMPLE	LMB+	461	58	0	519	0	0	0	0	0
TENNESSEE	LB+	2,517	854	216	3,487	0	0	0	0	0

+ - See Footnotes
L - Includes Law library
B - Includes branch campuses
M - Includes Medical library
U/A - Unavailable

ARL PRESERVATION STATISTICS 1999-2000
TABLE 3
CONSERVATION TREATMENT, BINDING AND PRESERVATION REFORMATTING

Volumes Commercially Bound	Entire Bound Volumes Photocopy	Entire Bound Volumes Microfilm	Entire Bound Volumes Digital	Single Unbound Sheets Photocopy	Single Unbound Sheets Microfilm	Single Unbound Sheets Digital	Non-paper Items Analog Means	Non-paper Items Digital Means	
21	22a	22b	22c	23a	23b	23c	24a	24b	(Survey Question #)
									INSTITUTION
10,590	0	0	0	0	0	0	0	0	KENT STATE
20,133	52	702	35	4,895	0	0	605	714	KENTUCKY
19,359	0	97	0	0	0	0	0	0	LAVAL
15,985	0	28	0	47,441	889,200	230	1,960	215	LOUISIANA STATE
13,197	0	20	0	0	0	0	0	0	MCMASTER
26,130	92	4,419	0	0	0	0	213	0	MARYLAND
19,757	0	18	60	3,700	0	3,000	4	60	MASSACHUSETTS
19,109	0	0	0	0	0	0	0	0	MIT
13,163	0	0	0	0	0	0	0	0	MIAMI
51,397	57	1,706	13,020	0	10,061	379,298	0	1,430	MICHIGAN
45,226	128	0	59	0	0	0	0	200	MICHIGAN STATE
37,928	425	490	0	0	0	0	0	0	MINNESOTA
20,857	0	200	0	0	0	246	1	0	NEBRASKA
15,381	0	6	0	28	0	250	0	29	NEW MEXICO
52,971	212	1,782	0	11,470	57,600	0	103	0	NEW YORK
36,786	128	26	301	1,155	31,920	0	423	24	NORTH CAROLINA
22,249	0	588	0	0	0	0	0	0	NORTH CAROLINA STATE
24,890	228	610	0	526	0	49,370	0	265	NORTHWESTERN
25,103	143	92	14	0	0	0	0	200	NOTRE DAME
12,925	2	0	0	1,756	127,699	18,000	149	0	OHIO
48,356	588	112	259	56,225	0	0	0	1,757	OHIO STATE
16,913	0	45	82	0	0	0	0	0	OKLAHOMA
19,457	2	0	0	0	0	0	0	6,000	OREGON
35,193	762	15	3	5,250	0	195	430	500	PENNSYLVANIA
46,086	7	277	0	9,121	0	1,767	1,500	612	PENNSYLVANIA STATE
21,269	290	1,621	166	0	0	280	0	0	PITTSBURGH
61,165	487	0	0	15,085	5,588	78	0	218	PRINCETON
16,109	0	0	0	0	0	0	0	300	PURDUE
14,015	0	0	0	0	0	0	0	0	QUEEN'S
12,679	0	0	0	0	0	1	0	0	RICE
10,638	680	185	0	3,172	0	92	0	292	ROCHESTER
23,182	24	U/A	U/A	U/A	U/A	0	0	0	RUTGERS
9,197	U/A	U/A	U/A	U/A	U/A	U/A	U/A	U/A	SASKATCHEWAN
17,076	0	0	0	0	0	0	0	0	SOUTH CAROLINA
18,236	0	0	0	0	0	0	200	5,000	SOUTHERN CALIFORNIA
22,063	0	0	0	0	0	0	0	0	SOUTHERN ILLINOIS
67,693	150	274	30	145	487,989	0	0	0	STANFORD
11,402	48	12	0	0	0	0	0	0	SUNY-ALBANY
24,195	444	36	0	17,880	0	0	0	0	SUNY-BUFFALO
12,781	234	0	0	0	0	0	0	0	SUNY-STONY BROOK
10,146	0	0	12	0	0	2,000	51	0	SYRACUSE
14,534	0	0	0	0	0	0	0	0	TEMPLE
20,329	31	0	0	0	0	0	0	0	TENNESSEE

U/A - Unavailable

ARL PRESERVATION STATISTICS 1999-2000
TABLE 3
CONSERVATION TREATMENT, BINDING AND PRESERVATION REFORMATTING

		Volumes: Level 1 Treatment	Volumes: Level 2 Treatment	Volumes: Level 3 Treatment	Total Volumes Treated	Unbound Sheets Treated	Bound Vols. & Pamphlets Mass-Deac.	Linear Ft. of Unbound Mass-Deac.	Non-paper Items Treated	Protect. Enclosures Constr.
(Survey Question #)		12	13	14	15	16	17	18	19	20
INSTITUTION	Notes									
TEXAS	L+	24,410	2,962	200	27,572	2,661	0	0	2,341	3,852
TEXAS A&M	MB+	2,935	35	0	2,970	2,058	0	0	414	1,381
TEXAS TECH	LMB+	3,230	2,720	112	6,062	750	0	0	120	730
TORONTO	MB+	9,509	1,452	30	10,991	511	0	0	2	1,056
TULANE	LMB+	2,438	950	28,316	31,704	0	0	0	0	876
UTAH	+	15,974	266	190	16,390	17,453	0	0	545	570
VANDERBILT	LM	1,388	1,175	11	2,574	0	0	0	50	1,049
VIRGINIA	LM+	U/A	U/A	U/A	U/A	U/A	U/A	U/A	U/A	U/A
VIRGINIA TECH		102	3	0	105	24,156	0	0	243	13
WASHINGTON	LMB+	8,619	335	228	9,182	31	0	0	0	1,503
WASHINGTON STATE	B+	799	1,251	97	2,147	79	0	0	700	58
WASHINGTON U.-ST. LOUIS	LMB+	4,461	379	10,075	14,915	0	0	0	0	817
WATERLOO		400	U/A	U/A	400	U/A	U/A	U/A	U/A	U/A
WAYNE STATE	LMB+	200	0	0	200	U/A	0	0	0	0
WESTERN ONTARIO	L+	0	116	8	124	1	0	0	0	115
WISCONSIN	LM+	7,769	1,695	1,923	11,387	96	0	0	0	249
YALE	LM+	3,620	885	494	4,999	1,315	2,308	2	5,556	1,669
YORK	LB+	0	0	0	0	0	0	0	0	0
BOSTON PUBLIC LIBRARY		100	2,353	1,597	4,050	0	0	0	1,140	2,494
LIBRARY OF CONGRESS	L+	5,038	444	1,161	6,643	13,606	47,736	0	5,530	3,956
NATL. LIBRARY OF CANADA	+	4,344	32,833	0	37,177	677	63,627	0	269	1,909
NATL. LIBRARY OF MEDICINE	M+	2,296	278	47	2,621	60	0	0	0	566
NEW YORK PUBLIC LIBRARY	+	717	2,609	2,470	5,796	16,671	901	0	2,074	6,282
NEW YORK STATE LIBRARY	LM+	14,147	216	1	14,364	156	0	0	0	697

SUMMARY DATA

	Volumes: Level 1 Treatment	Volumes: Level 2 Treatment	Volumes: Level 3 Treatment	Total Volumes Treated	Unbound Sheets Treated	Bound Vols. & Pamphlets Mass-Deac.	Linear Ft. of Unbound Mass-Deac.	Non-paper Items Treated	Protect. Enclosures Constr.
(Survey Question #)	12	13	14	15	16	17	18	19	20
University Totals	633,955	215,563	56,903	906,007	212,874	40,771	743	66,328	115,620
Nonuniversity Totals	26,642	38,733	5,276	70,651	31,170	112,264	0	9,013	15,904
TOTAL	660,597	254,296	62,179	976,658	244,044	153,035	743	75,341	131,524
# of Libraries Reporting	109	108	107	109	106	107	106	107	108

+ - See Footnotes
L - Includes Law library
B - Includes branch campuses
M - Includes Medical library
U/A - Unavailable

ARL Preservation Statistics 1999-2000
Table 3
Conservation Treatment, Binding and Preservation Reformatting

Volumes Commercially Bound	Entire Bound Volumes Photocopy	Entire Bound Volumes Microfilm	Entire Bound Volumes Digital	Single Unbound Sheets Photocopy	Single Unbound Sheets Microfilm	Single Unbound Sheets Digital	Non-paper Items Analog Means	Non-paper Items Digital Means	
21	22a	22b	22c	23a	23b	23c	24a	24b	(Survey Question #)
									INSTITUTION
22,871	42	0	12	35,127	70,368	248	67	1,004	TEXAS
29,289	0	1,943	0	0	0	0	0	990	TEXAS A&M
18,486	57	490	0	15,450	8,700	0	125	0	TEXAS TECH
53,458	0	11	1,978	0	0	0	0	227	TORONTO
25,061	0	0	0	3,950	36,315	0	0	0	TULANE
19,312	1	0	7	155	0	164	0	0	UTAH
26,998	5	7	0	0	0	0	50	0	VANDERBILT
U/A	U/A	U/A	U/A	U/A	U/A	U/A	U/A	U/A	VIRGINIA
15,131	0	0	0	0	0	0	0	1,251	VIRGINIA TECH
31,560	70	12	0	U/A	100,080	U/A	361	2,652	WASHINGTON
13,537	2	0	0	0	9,255	0	0	0	WASHINGTON STATE
16,259	30	0	0	15	0	0	0	0	WASHINGTON U.-ST. LOUIS
9,259	0	0	0	0	0	0	0	0	WATERLOO
19,973	U/A	0	0	U/A	0	0	0	0	WAYNE STATE
15,867	0	0	0	0	0	0	0	0	WESTERN ONTARIO
24,327	11	1,363	19	2,604	247,626	413	0	3,888	WISCONSIN
41,611	358	987	0	56	19,546	0	431	0	YALE
25,599	12	0	0	0	0	0	0	0	YORK
8,052	2	557	0	2,664	520,444	0	1,140	0	BOSTON PUBLIC LIBRARY
178,593	302	25,319	8,400	U/A	U/A	U/A	6,896	58	LIBRARY OF CONGRESS
309	40	192	0	0	221,062	0	0	0	NATL. LIBRARY OF CANADA
31,874	84	4,513	1	0	0	7,833	80	0	NATL. LIBRARY OF MEDICINE
82,785	224	7,526	20	14,440	2,435,616	264	1,187	5,927	NEW YORK PUBLIC LIBRARY
5,339	23	314	1,437	0	0	0	0	0	NEW YORK STATE LIBRARY

Summary Data

Volumes Commercially Bound	Entire Bound Volumes Photocopy	Entire Bound Volumes Microfilm	Entire Bound Volumes Digital	Single Unbound Sheets Photocopy	Single Unbound Sheets Microfilm	Single Unbound Sheets Digital	Non-paper Items Analog Means	Non-paper Items Digital Means	
21	22a	22b	22c	23a	23b	23c	24a	24b	(Survey Question #)
2,681,616	9,467	49,110	18,860	298,467	3,037,385	509,310	10,078	52,209	**University Totals**
306,952	675	38,421	9,858	17,104	3,177,122	8,097	9,303	5,985	**Nonuniversity Totals**
2,988,568	10,142	87,531	28,718	315,571	6,214,507	517,407	19,381	58,194	**TOTAL**
109	107	107	104	104	105	104	106	107	**# of Libraries Reporting**

U/A - Unavailable

ARL PRESERVATION STATISTICS QUESTIONNAIRE, 1999-2000

Please do not leave any blank lines. If an exact figure is unavailable, use "-1." (i.e., U/A). If the appropriate answer is zero or none, use "0." For non-university libraries, if a question is not applicable in your library, use "-2." (Academic libraries should not use "-2").

Reporting institution _____ Date returned to ARL _____

Report prepared by (name) _____

Title _____

E-mail address _____ Phone number _____

Contact person (if different) _____

Title _____

E-mail address _____ Phone number _____

ADMINISTRATION

1. Does the library have a preservation administrator? (yes/no) 1. _____

2. If yes, what percentage of the administrator's total job assignment is dedicated to preservation activities and preservation program management? 2. _____

3. If yes, what is the job title of the person to whom the preservation administrator reports?

   3. _____

PERSONNEL

4. If the library has a preservation administrator who supervises staff, how many staff are in the preservation unit (including the preservation administrator)?

FTE Professional staff	FTE Support Staff	FTE Student Assistants	FTE Total Staff
4a. _____	4b. _____	4c. _____	4d. _____

5. How many FTE staff are engaged in preservation activities library-wide (including staff reported in question #4 above)?

FTE Professional staff	FTE Support Staff	FTE Student Assistants	FTE Total Staff
5a. _____	5b. _____	5c. _____	5d. _____

EXPENDITURES

Check one: Canadian dollars _____ U.S. dollars _____

6. Salaries and wages for staff engaged in preservation activities library wide (as reported in Question #5 above)

6a. Professional staff	$ _____	
6b. Support staff	$ _____	
6c. Student assistants	$ _____	
6d. TOTAL expenditures for preservation staff		$ _____

7. Contract expenditures

7a. Contract conservation	$ _____	
7b. Contract commercial binding (see instructions for relationship to Question #21 in 1999-2000 *ARL Statistics Questionnaire*)	$ _____	
7c. Contract preservation photocopying	$ _____	
7d. Contract preservation microfilming	$ _____	
7e. Other contract expenditures	$ _____	
7f. TOTAL contract expenditures		$ _____

8. Preservation supplies	$ _____
9. Preservation equipment	$ _____
10. TOTAL preservation expenditures (add lines 6d, 7f, 8, & 9)	$ _____
11. Total preservation expenditures that came from external sources	$ _____

CONSERVATION TREATMENT

12. Number of volumes/pamphlets given level 1 conservation treatment 12. _____

13. Number of volumes/pamphlets given level 2 conservation treatment 13. _____

14. Number of volumes/pamphlets given level 3 conservation treatment 14. _____

15. TOTAL number of volumes/pamphlets given conservation treatment (add lines 12, 13, & 14) 15. _____

16. Number of unbound sheets given conservation treatment 16. _____

17. Number of bound volumes/pamphlets mass deacidified 17. _____

18. Number of linear feet of unbound papers mass deacidified 18. _____

19. Number of photographs and non-paper items (e.g., audio tapes, motion picture film) given conservation treatment 19. _____

20. Number of custom-fitted protective enclosures constructed 20. _____

COMMERCIAL BINDING

21. Number of volumes commercially bound 21. _____

PRESERVATION REFORMATTING

22. Number of bound volumes/pamphlets reformatted in their entirety

photocopied	microfilmed	digitized (***optional***)
22a. _____	22b. _____	22c. _____

23. Number of single, unbound sheets reformatted (e.g., one side of one manuscript page, one map)

photocopied	microfilmed	digitized (***optional***)
23a. _____	23b. _____	23c. _____

24. Number of photographs and non-paper items (e.g., audio tapes, motion picture film) reformatted

24a. by analog means _____ 24b. by digital means _____

FOOTNOTES

1. Law Library statistics are included: Yes _____ No _____ We do not have a law library _____

2. Medical Library statistics are included: Yes _____ No _____ We do not have a medical library _____

If there are other main campus libraries that ***are not included***, list in the footnotes section below.

3. Branch campus libraries included: Yes _____ No _____ We have only one campus _____

   List branch campus libraries that ***are included*** in footnotes section below.

   List branch campus libraries that ***are not included*** in the footnotes section below.

4. Are there any additional footnotes? Yes _____ No _____

Please indicate revisions, additions, and deletions to the *ARL Preservation Statistics 1998-99* footnotes. If any footnotes published last year are unchanged, please mark to indicate that they are still valid. Please strike through any footnotes that are no longer valid. The numbers refer to columns in the main data tables in the publication, e.g., I, 1-5 refers to columns 1-5 in Table I.

Please return a *printed version* of the completed questionnaire *in addition to the Web version* to the ARL Statistics and Measurement Program by **December 1, 2000**

Please contact Martha Kyrillidou at (202) 296-2296 or martha@arl.org for assistance.

ARL PRESERVATION STATISTICS QUESTIONNAIRE, 1999-2000

INSTRUCTIONS FOR COMPLETING THE QUESTIONNAIRE

GENERAL INSTRUCTIONS

Please enter your data on the ARL Statistics Website (access via <http://www.arl.org/stats/coordinator.html>) and provide a paper copy to use for data verification. Be sure to read these Instructions before beginning to input data.

Complete this form by **December 1, 2000**, and retain a copy of the worksheet for your records. If you have problems with this form or have questions about the procedure to be followed in completing the survey, contact the ARL Office.

Please read all instructions carefully before you answer the questionnaire. Make sure your responses are as complete and accurate as possible. Give estimates when you must, but please do not make wild guesses. Use the FOOTNOTES section to expand upon or clarify your responses.

All questions assume a ***fiscal year ending June 30, 2000***. If your library's fiscal year is different, please use the FOOTNOTES section to explain.

Please complete all entries. If your library does not perform a given function or had no activity for this function, enter "0". If your library performs a function but data are not available, enter "-1" (for unavailable). **Please leave no blank spaces.**

Use the same basis for reporting as is used in responding to the main *ARL Statistics* questionnaire. For example, if in *ARL Statistics* you normally include data for a law library and/or a medical library, also include those libraries in response to this survey and note the inclusions within the FOOTNOTES section as prompted.

In a university that includes both main and branch campuses, ***an effort should be made to report figures for the main campus only***. (The U.S. National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS) defines a **branch institution** as "a campus or site of an educational institution that is not temporary, is located in a community beyond a reasonable commuting distance from its parent institution, and offers organized programs of study, not just courses.") If figures for libraries located at branch campuses are reported, please provide an explanation in the "Footnotes" section of the questionnaire. A **branch library** is defined as an auxiliary library service outlet with quarters separate from the central library of an institution, which has a basic collection of books and other materials, a regular staffing level, and an established schedule. A branch library is administered either by the central library or (as in the case of some law and medical libraries) through the administrative structure of other units within the university. Departmental study/reading rooms are not included.

Preservation data are not always easy to define or to record in precise categories. If you have difficulty interpreting this questionnaire or are uncertain how its data categories apply in your situation, contact Julia Blixrud, ARL Senior Program Officer, (202) 296-2296; e-mail: jblix@arl.org.

SPECIFIC INSTRUCTIONS

For the purposes of this survey, the elements of a "preservation program" include: ***conservation treatment, commercial binding, and preservation reformatting***. While shelf preparation activities (e.g., plating, labeling, insertion of security devices) and stack maintenance have obvious preservation implications and may be supervised by the preservation administrator, these activities are not quantified in this survey.

Question 1. Does the library have a preservation administrator who spends at least 25% of his or her time managing a partial or comprehensive preservation program?

Question 2. What percentage of the preservation administrator's total job assignment is dedicated to preservation activities? If the library has a full-time preservation administrator, general management activities (e.g., meeting attendance, committee participation) should be considered an integral part of the administrator's responsibilities and the answer to this question recorded as 100%. In contrast, where the preservation administrator is a part-time staff member or has a dual assignment (e.g., she or he is also a serials librarian, bibliographer, or curator), the percentage of time devoted to preservation activities and preservation management should be recorded. If the library has no preservation administrator enter "0."

Question 3. Record the job title (not the individual name) of the person to whom the preservation administrator reports (e.g., "Associate Director for Collection Development"). If the library has no preservation administrator enter "0."

Questions 4-5. FTE (i.e., "Full-Time Equivalent") is the numerical representation of full- and part-time work activities. A person working full time is represented by an FTE of 1.00; a person working half time by an FTE of 0.50. Five persons working half time are represented by a combined FTE of 2.50. The number of FTE staff should be determined on the basis of the length of the work week in the reporting library. ***Round figures to the nearest two decimal places***.

Record FTE staff in filled positions or positions that are only temporarily vacant on the date that ends the library's fiscal year. Also record staff hired for special projects, internships, and grants, but provide an explanatory note in the FOOTNOTES section indicating the FTE of such staff. The FOOTNOTES section should also be used to record such information as the number of hours worked by volunteers (this figure is not recorded in the survey itself), and the number of months that a full-time position was vacant during the year.

Report trained professional conservators and photographers (senior practitioners—not technicians) in the "professional" category whether or not they have a master's degree in library studies.

Question 4. Only the preservation administrator and staff who report directly to him or her, or to someone supervised by him or her, should be recorded here. If the library has no preservation administrator, or if the administrator does not have direct line responsibility for staff, enter "0."

Question 5. This figure includes staff who report to the preservation administrator, as recorded in Question 4, ***and*** staff outside the preservation unit who are involved in preservation activities. The following activities should be included regardless of the department or library to which staff report: conservation, preparation for commercial binding, all activities associated with preservation reformatting (including selection for preservation, searching, and cataloging), and service on preservation committees.

For staff members with dual assignments, record only that time devoted to preservation activities. For example, a student assistant who works 0.40 FTE and devotes half of his or her time to book repair and the rest to serials check-in would be recorded as 0.20 FTE.

Question 6-10. Report all expenditures, regardless of the source of funding (e.g., funds may come from the regular institutional budget, grants, or fees for services).

Canadian libraries should report expenditures only in Canadian dollars. These amounts will be translated into U.S. dollars using a conversion exchange rate of 1.5103 Canadian dollars to 1 U.S. dollar, which was determined using the average monthly noon exchange rate published in the *Bank of Canada Review* for the period July 1999 through June 2000.

Questions 6a-6c. Record salaries for staff reported in response to Question 5, the number of staff engaged in preservation activities library-wide. Do not include fringe benefits.

Question 6d. This answer is the sum of the answers to Questions 6a through 6c. Attach any footnotes for Questions 6a-6c here, as only this figure appears in the data reports.

Question 7. "Contract expenditures" refers to expenditures for preservation services for which the library is invoiced by an outside vendor, organization, or individual (e.g., a commercial library binder, commercial microfilming service, or professional conservator in private practice).

Question 7a.

> **Conservation**: Refers to the remedial and protective treatment (both mechanical and chemical) of bound volumes, manuscripts, maps, posters, works of art on paper, photographic materials, magnetic tapes, and other library materials to restore them to usable condition and/or to extend their useful lives. Note that conservation involves preserving information in its original form. The reproduction of materials (e.g., the copying of information onto the same, similar, or new media) is recorded in the preservation reformatting section of this survey. Conservation also refers to the construction of protective enclosures (e.g., wrappers, jackets, boxes) for library materials. Use of archivally sound methods and materials is presumed.
>
> Conservation encompasses a wide range of treatments, including pamphlet and paperback binding, temporary serials binding, tipping in inserts, making pockets for loose parts, slitting uncut pages, making paper repairs, removing tapes and stains, tightening hinges, replacing endpapers, rebacking, recasing, rebinding, repairing sewing structures before sending volumes out for commercial binding, and item-by-item and mass deacidification. Treatments range from minor procedures that can be done relatively quickly by technicians to major procedures that are chemically and mechanically complex and require the skill and judgment of a conservator.
>
> Conservation may also include item-by-item treatment of materials damaged by water, fire, and mold. Because mass freeze drying and fumigation can involve very large numbers that would mask the size and nature of the in-house conservation effort, such activities are recorded in response to Question 7e, "other contract expenditures" and explained in the FOOTNOTES section, but are not recorded in response to Questions 12-16. Exhibit preparation is recorded as conservation activity when an item is treated (e.g., a print is cleaned), but not when a temporary support (e.g., a book cradle) is constructed to display an item. In the latter case, total FTE staff suffices as a measure of effort.

If fees paid to commercial binders for products and treatments other than library binding (e.g., for phase boxes) have been recorded on the main ARL Statistics 1999-2000 in response to Question 21, please note instructions for answering Question 7b, below.

Question 7b.

> **Commercial binding:** Refers to the binding, rebinding, and recasing performed by commercial library binderies, as described in the *Library Binding Institute Standard for Library Binding,* 8th edition (Rochester: Library Binding Institute, 1986). Commercial library binderies use oversewing

machines; Smythe-type sewing machines; double-fan adhesive binding equipment; and automated rounders and backers, hydraulic presses, and spine stamping equipment, in a high-production environment.

This figure should match the figure reported on the main *ARL Statistics 1999-2000* survey in response to Question 21, unless the library purchases conservation services from a commercial library binder. ***Where fees have been paid to a commercial library binder for conservation services, record those fees in response to Question 7a herein***. Subtract conservation fees from the dollar amount reported in response to Question 21 of the main *ARL Statistics 1999-2000* and record the resulting figure in response to Question 7b herein. Explain the discrepancy between answers to Question 21 of the main *ARL Statistics* and Question 7b of the *ARL Preservation Statistics* in the FOOTNOTES section.

Question 7e. Other contract expenditures might include fees paid for commercial freeze-drying, fumigating, or mass-deacidification of library materials; membership fees for use of regional conservation facilities; or equipment repairs. If answers are recorded in response to optional Questions 22c and 23c (number of items digitized), record expenditures here. Use the FOOTNOTES section to note the amount and nature of major expenditures.

Question 7f. This answer is the sum of the answers to Question 7a through 7e.

Question 8. Supplies include materials used for conservation treatment (e.g., papers, book cloths, adhesives, pamphlet binders, box board, chemicals, disposable filters for water systems); commercially available archival quality boxes, wrappers, file folders, and envelopes; paper used for preservation photocopying and digitizing; and film, chemicals, and other supplies used for preservation microfilming. Expenditures for equipment and tools costing under $100 should be recorded here. Expenditures for security labels and stamps, book pockets, call number and bar code labels, and book plates fall outside the scope of this survey and should not be recorded.

Since housing of commercially available boxes, wrappers, folders, and envelopes can involve very large numbers that would mask the size and nature of the in-house conservation effort, the use of such supplies to protect books, manuscripts, maps, microfiche, photographs, videotapes, and other library materials is recorded only here—not in response to Questions 12-16.

Question 9. Record expenditures for equipment and tools costing over $100, such as machinery (e.g., board shears, fume hoods, microfilming cameras, photocopy machines and scanners exclusively used for preservation reformatting), furniture (e.g., laboratory benches, chemical supply cabinets), and computer hardware purchased for exclusive use by a preservation department for such purposes as conservation management, bindery preparation, and bibliographic searching related to preservation reformatting. Capital expenditures for building renovations (e.g., the construction of a conservation facility) or for construction that results in improved housing of library materials (such as replacement of heating, ventilating, and air conditioning systems) should be recorded only in the FOOTNOTES section.

Question 10. This answer is the sum of the answers to Questions 6d, 7f, 8, and 9. (At this time it is not possible to enter online the total independently of the component figures so be certain to record "0" in response to Questions 6d, 7f, 8, and/or 9 where no funds have been expended.)

Certain preservation-related expenses are not requested in this survey (e.g., the cost of staff training, conference attendance, and other staff development activities; printed brochures and posters; purchase of reference materials). If significant, these should be noted in the FOOTNOTES section.

Question 11. Record total preservation expenditures that were funded by external agencies in the form of grants. Funds allocated from the library's regular operating budget (including gifts, royalties, endowment income, and special funds provided to the library by its parent institution) are regarded as internal and should not be reflected here.

Questions 12-14. See definition of *conservation* under instructions for Question 7a above. ***Record the number of volumes (including pamphlets) given conservation treatment, not the total number of treatments performed. Answers to these questions should be mutually exclusive. While any given volume may receive several treatments, it should be recorded only once, as a Level 1, 2, or 3 treatment depending on the amount of time devoted to the volume.*** For example, when an errata sheet is tipped into a volume, three pages are repaired, and its hinges are tightened, and these procedures take a total of 25 minutes to perform, the volume should be recorded only once, as a Level 2 treatment. The repair of several pages of a volume or pamphlet should not be recorded under "unbound sheets" (Question 16), even if the volume is disbound at the time the pages are treated. Rather, treatment of the volume should be recorded once, as a Level 1, 2, or 3 book treatment, depending on the time required to perform all procedures.

When a volume receives conservation treatment and a box is made for it, however, the conservation should be recorded as a Level 1, 2, or 3 treatment, and the boxing should be recorded in response to Question 20 (number of custom-fitted protective enclosures constructed). Likewise, when two pages of a book are repaired and the book is sent to a commercial bindery, the volume should be recorded as a Level 1 conservation treatment and as a "commercial binding" (Question 21).

Because the nature of procedures and the level of in-house conservation expertise varies significantly across ARL libraries, treatments are recorded based on the length of time they require, time being a meaningful and comparable measure of effort. Use of archivally sound methods and materials is presumed.

Question 12. Level 1 conservation treatments require 15 minutes or less to perform.

Question 13. Level 2 treatments require more than 15 minutes but less than two hours to perform.

Question 14. Level 3 conservation treatments require two hours or more to perform. Where an extraordinary number of hours is required to treat selected items, this information can be recorded in the FOOTNOTES section.

Question 15. This answer is the sum of answers to Questions 12-14. ***Report the total number of volumes, including pamphlets, that were treated—not the total number of treatments performed.***

Question 16. Unbound sheets include items such as manuscripts, maps, posters, and works of art on paper. Procedures include a variety of mechanical and chemical treatments (e.g., paper repair, surface cleaning, washing, deacidifying, encapsulating, mounting, matting) that lengthen the life of the item. Use of archivally sound methods and materials is presumed. ***Report the total number of sheets of paper that were treated—not the total number of treatments performed.***

Questions 17-18.

> **Mass deacidification is** a process by which books and papers are treated to neutralize acidity and to introduce an alkaline buffer. Materials are deacidified in batches, in chambers that hold several (or many) items.

Item-by-item deacidification of bound volumes and papers, performed by conservators and technicians, should be recorded in response to Questions 12-16.

Question 19. Record conservation treatment of photographic materials here, including photographs printed on paper, glass, plastics, and other materials. "Non-paper items" include materials other than bound volumes, unbound paper, and photographs. Treatment of non-paper items might include such activities as conserving globes, cleaning videotapes, and repairing motion picture film. Report activities such as remastering videotapes, copying photographs, re-recording sound, and other activities involving duplication of media in response to Question 24 (number of photographs and non-book/paper items reformatted).

Question 20. Custom-fitted enclosures are distinguished from the commercially available boxes and other enclosures identified in Question 8 as "supplies," in that the former are custom-made to fit their contents and the latter are standard-sized enclosures available through supply catalogs. Custom-fitted enclosures include paper and polyester book jackets, paper and board wrappers, portfolios, phase boxes, double-tray boxes, and other boxes. (Polyester encapsulation of single sheets should be reported in response to Question 16—not here.) Use of archival quality methods and materials is presumed.

Question 21. See definition of *commercial binding* under instructions for Question 7b above. Record all volumes (including pamphlets) bound or rebound by a commercial bindery.

Questions 22-23. "Number of bound volumes/pamphlets" refers to the reformatting of volumes in their entirety (i.e., each page is copied to produce a facsimile volume in paper, on film, or in digital form). "Number of unbound pages" refers to the sum of the number of full pages copied. For a manuscript written on one side of a sheet, record one page. For a manuscript written on two sides of a sheet, record two pages. For one frame of film that captures one page, record one page. For one frame of film that captures two pages, record two pages.

> **Preservation photocopying** refers only to items photocopied on paper that has a minimum pH of 7.5, a minimum alkaline reserve equivalent to 2% calcium carbonate based on oven-dry weight of the paper, and includes no groundwood or unbleached pulp. Images must be properly fused to the paper.
>
> **Preservation microfilming** presumes adherence to relevant American National Standards Institute (ANSI) and Association for Information and Image Management (AIIM) standards as well as microfilming guidelines published by the Research Libraries Group and National Library of Canada.

For microfilming, record data only for first-generation microforms. For a monographic set of three volumes, record three volumes; for thirty volumes in a serial run record thirty volumes. Include data for projects that are undertaken cooperatively with other libraries, but not for commercial projects wherein a commercial vendor borrows library materials for filming and subsequent sale of the film. When the library serves as a commercial microfilming vendor for another institution, this filming should be reported by the library that contracts for the filming—not by the library that does the filming. Dissertations that are sent to UMI for filming should not be recorded.

Record preservation microform masters produced by copying non-archival or damaged film, or produced from digitized text. Use the FOOTNOTES section to indicate the scope and nature of such activity.

Digitizing for preservation purposes is the reproduction of bound volumes, pamphlets, unbound sheets, manuscripts, maps, posters, works of art on paper, and other paper-based materials for the purpose of:

a) making duplicate copies that replace deteriorated originals (e.g., by digitizing texts and storing them permanently in electronic form and/or printing them on alkaline paper);

b) making preservation master copies and thus guarding against irretrievable loss of unique originals (e.g., by making high-resolution electronic copies of photographs and storing them permanently and/or printing them; or

c) making surrogate copies that can be retrieved and distributed easily, thereby improving access to information resources without exposing original materials to excessive handling;

or some combination of these factors.

Record the total number of items that were digitized—not the total number of versions of these items that were created. Where a photograph is scanned and printed, a low resolution image mounted on the World Wide Web, and images having higher resolution recorded on CD-ROM, report one photograph digitized.

Question 24. Refers to the copying of all types of photographs, and non-paper media such as audio tapes, videotapes, various types of disks, and motion picture film for preservation purpose (see instructions for *digitizing for preservation purposes*, above). A photograph copied using a 35mm. camera is an analog reproduction; a photograph copied using a digital camera is a digital reproduction.

Footnotes. Libraries are urged to use the FOOTNOTES section to report any information that would clarify the figures submitted. Explanatory footnotes will be included with the published statistics. Please make an effort to word footnotes in a manner consistent with notes appearing in the published report so that the ARL Office can interpret them correctly. For your convenience, a copy of your footnotes from the *ARL Preservation Statistics 1998-99* is included with the printed copy of the questionnaire. ***Please update these notes indicating whether or not the notes are still valid.*** (Note that the numbers on the printed worksheet refer to the columns in the main data tables, e.g. I-5 is line 5 in Table I in the published *Preservation Statistics*. If you add ***new*** footnotes, please number them to correspond to numbered questions in the questionnaire.

Please ***submit the data to the Web site*** and return a ***printed version*** of the completed questionnaire to the ARL Statistics and Measurement Program by **December 1, 2000**. Please contact Martha Kyrillidou at (202) 296-2296 or martha@arl.org for assistance.

FOOTNOTES TO THE ARL PRESERVATION STATISTICS 1999-2000

Footnotes may also include errata and corrections to data from prior years not previously reported. Numbers in parentheses refer to columns in Library Data Tables and to Questionnaire numbers.

INSTITUTION NAME	QUESTION NUMBER	FOOTNOTE
ALABAMA		All figures are as of September 30, 2000.
		Excludes Map library, Social Work Reading Room, and Communication Reading Room.
	1-3	Preservation administrator in the Law library dedicates 10% of total job assignment to preservation activities and reports to Assistant Director.
	4	Includes Law library: professional staff .10, support staff .30, and student assistants 0.
ARIZONA STATE		Includes Law library and ASU West and ASU East branch campuses.
	4a	1.0 FTE began February 1, 1999 and was also counted on the *1998-99 ARL Preservation Statistics*.
	7b	$25,000 for contract conservation subtracted from total reported for contract binding expenditures (21) in *ARL Statistics 1999-2000*.
AUBURN		All figures are as of September 30, 2000.
BRIGHAM YOUNG		All figures are as of December 31, 1999.
		Excludes Hawaii and Jerusalem Center campuses.
BRITISH COLUMBIA		All figures are as of March 31, 2000.
	6-11	Expenditures as reported in Canadian dollars: (6a) $43,133; (6b) $194,770; (6c) $4,019; (6d) $241,922; (7a) $4,227; (7b) $173,808; (7d) $18,064; (7f) $196,099; (8) $7,795; (9) $2,974; (10) $448,790; (11) $23,195.
	22b	Includes: British Columbia. Div. Of Vital Statistics. Special Reports, 1954-1983 (microfilm); New Canadian, 1938-1948 (microfilm); University of British Columbia. Dept. of Education. Major papers, 1999 (microfiche); South China Culture Review, 1993-1998(microfilm); British Columbia Directories, 1955-1960 (microfilm).
	23b	Includes: Malcolm Lowry Collection Microfilming Project, Phase 3 (microfilm).
BROWN		Includes John Carter Brown Library.
		Includes Medical library statistics that cannot be disaggregated from the main statistics because the Medical collection is an integral part of the Sciences Library.
	11	Includes funds from NEH Preservation Endowment.
CALIFORNIA, BERKELEY	7b	Includes expenditures for the Law library and affiliated libraries. Excluding those libraries, the Berkeley library spent $765,294 on library binding.

INSTITUTION NAME	QUESTION NUMBER	FOOTNOTE
CALIFORNIA, DAVIS	7b	Excludes contract binding for Law included in figure for contract binding (21) in the *ARL Statistics 1999-2000*.
	7c	Includes commercially available reprints purchased to replace existing brittle volumes.
CALIFORNIA, IRVINE		Includes Medical library.
	10	1998-99 figure revised to 442,450 to correct a mathematical error.
	23b	Figures represent pages of newspapers.
CALIFORNIA, LOS ANGELES	7b	*ARL Statistics 1999-2000* contract binding (21) includes $40,000 reported in contract conservation (7a) and $34,673 reported in supplies (8). As a result, the figure reported is not the same as reported in (21) of the *ARL Statistics*.
CALIFORNIA, SAN DIEGO	2	Includes Biomedical Library and Medical Center Library.
	6	In the *1998-99 ARL Preservation Statistics*, $19,710 was reported as a part of professional staff expenditures (6a) when it should have been reported as a part of support staff expenditures (6b).
CALIFORNIA, SANTA BARBARA	1	UCSB has a "preservation coordinator," who spends 20% of her time on preservation matters. The preservation coordinator reports to the AUL for Collections and Technical Services. However, because this person spends only 20% of her time on preservation, she is not, by ARL definition, a "preservation administrator."
CASE WESTERN RESERVE		Includes Law, Medical, and Social Science libraries.
	7e	Includes contract mass-deacidification ($1,765), CD and microfilm master storage drawer rental ($237), and contract digitization ($75).
CHICAGO		Includes Law and Medical libraries.
	7b, 21	Includes phase boxes and rebinds of existing materials in the collection.
CINCINNATI		Includes Raymond Walters College and Clermont College.
	1	Medical Center Libraries do not have a preservation administrator.
	2	75% of the administrator's job at University Libraries is dedicated to preservation; 25% of the administrator's job in the Law library is dedicated to preservation.
	3	Head, Access Services Division is the job title at University Libraries; Head, Information Management is the job title at the Law library.
COLORADO	3	Excludes Law library. Law library was also excluded in 1998-99; footnotes mistakenly reported that it was included.
	4	1.0 FTE Professional Staff has been vacant throughout 1999-2000.
	5	0.07 FTE Professional Staff dedicated to preparing digitization project.

INSTITUTION NAME	QUESTION NUMBER	FOOTNOTE
	7b	No longer includes Law library binding expenditures. This figure does not match the figure for contract binding (21) in the *ARL Statistics 1999-2000* because contracted conservation treatment was not separated out of the figure in the *ARL Statistics*.
	8	Large increase is due in part to off-site storage project and perhaps by a greater success at researching preservation supply purchases library-wide. Figure is an estimate due to change in accounting software (Peoplesoft).
	9	Includes equipment (scanners, etc.) purchased for a digitization project in Music library. This project began preparations in 1999-2000 but did not produce any preservation digital copies in 1999-2000 and grant monies were not yet spent. Also, includes scanner for Special Collections. Not included is Media library purchase of equipment enabling them to do preservation quality reformatting; however, it is primarily used for course preparation work.
	19	A large project to replace sleeves for microfiche with acid-free sleeves has begun.
	21	No longer includes Law library commercially bound volumes.
COLORADO STATE	4a	One temporary administrative professional at .50 FTE and one temporary faculty at .25 FTE.
	11	Total does not include expenditures from external sources: Acceptance ($43,606); RAP ($714); permanent administrative professional ($4,013).
COLUMBIA	5d	Includes 13.16 FTE staff hired by Special Projects, Internships, and Grants.
	7a	Includes protective enclosures produced by contract conservators.
	7b	Figure does not match the figure for contract binding (21) in *ARL Statistics 1999-2000*. Current figure has been adjusted to exclude $57,754 for custom-made enclosures paid for through binding accounts, but included in contact conservation (7a), and $16,007 included in preservation supplies (8). Also excluded are $48,750 of Law library expense and $83,708 of Health Sciences library expense.
	7d	Includes $157,757 for NEH Modern Economic & Social History project.
	7e	Includes $82,090 for NEH Modern Economic & Social History project cataloging and filming preparation. The remainder of the expense is for preservation copying of audiotapes and movie film.
	24a	1,355 represents number of hours of audio tapes reformatted.
CONNECTICUT		Includes branch campuses at Avery Point, Stamford, Torrington, Waterbury, and West Hartford.
	7b	Excludes $10,484 for commercially-made boxes included in contract conservation (7a) and $44 for contract preservation photocopying (7c) from the figure reported for contract binding (21) in *ARL Statistics 1999-2000*.
CORNELL		Includes Law library on the Ithaca, NY campus.
		Includes Medical library & Archives on the New York City, NY campuses.

INSTITUTION NAME	QUESTION NUMBER	FOOTNOTE
		Includes Geneva Experiment Station Library on the Geneva, NY campus.
	17, 18	195 items deacidified not by mass deacidification.
DUKE	7e	Law library contracted with Chicora, Inc. for a preservation assessment. This figure includes those expenditures.
EMORY		Includes Law, Medical, and Oxford College libraries.
	6a	One professional level conservator position added.
	6b	Figure is lower than in 1998-99 due to one unfilled position and to one support staff position being upgraded to professional level.
	7e	Includes blade sharpening; freeze-dryer repair; hygrothermograph repair; new computer; relocation services for cleaning and transferring special collections materials.
	9	$26,562 spent on equipment to support new position for non-print conservator; $952 spent for new hepavac.
FLORIDA	4a	FTE professional positions from Preservation were split off this year to form the core of a new Digital Library Center.
	7a, 20	Includes 3,500 custom-made protective enclosures from CMI.
	7e	Includes cost of regenerating 1,189 reels of acetate-based microfilm onto polyester base.
FLORIDA STATE		Excludes Panama City Branch, Developmental Research School, and Law library except where noted.
	7a	Included in contract binding expenditures (7b).
	7b	Includes Law library expenditures that were reported in contract binding (21) in the *ARL Statistics 1999-2000*.
	21	Includes Law library volumes commercially bound.
GEORGE WASHINGTON		Includes Law and Medical libraries except where stated otherwise.
	1-3, 4b	Medical library is the only GW library that employs a preservation administrator full time.
	6c	Excludes Law and Medical libraries.
	5c, 8, 22a	Includes Main library only.
	10	Excludes any Medical library data not included in items 6-9.
	12, 13, 15	Excludes Law library.
GEORGETOWN		Includes Blommer Science Library and Woodstock Theological Library as well as Williams Law Library, Dahlgren Medical Library, and the University Library.

INSTITUTION NAME	QUESTION NUMBER	FOOTNOTE
	1	The University and the Law libraries have separate preservation programs, each with a full-time preservation administrator. The Medical library and Woodstock Libraries support discrete preservation activities.
	2	The University preservation administrator reports to the Assistant University Librarian for Collection Management and Organization. The Law library preservation administrator reports to the Associate Law Librarian for Technical Services.
	7e	Figure represents the deacidification of 1071 volumes and the freeze dry and fumigation of 219 volumes.
GEORGIA		Includes Law library.
	22b, 23b	Microfilmed newspapers are now counted as single, unbound sheets.
GUELPH		Excludes branch campus libraries at Ridgetown College, Albert College, Kemptville College, and the Horticultural Research Institute of Ontario.
	6-11	Expenditures as reported in Canadian dollars: (6a) $6,734; (6b) $134,150; (6c) $800; (6d) $141,684; (7a) $3,000; (7b) $96,644; (7c) $0; (7d) $0; (7e) $0; (7f) $99,644; (8) $19,226; (9) $0; (10) $260,554; (11) $0.
HARVARD		Preservation statistics for several Harvard libraries are unavailable or incomplete due to the decentralized nature of libraries at Harvard.
HOUSTON		Excludes branch campuses at Clear Lake, Downtown Houston, and Victoria.
IOWA	6a, 6d	Salary increase from 1998-99 to 1999-2000 is due to the appointment of a new University Conservator. This position had been partially vacant in 1998-99. The salary also includes a Book Arts Trainee position.
	8	Figure not accurately reported in 1998-99; approximately $50,000 was left out.
IOWA STATE	10	$21,600 was expended by the Library as 50% cost share with the University in a project to retrofit the ventilation system of the Conservation Treatment facility for the purpose of improved humidity control.
JOHNS HOPKINS		Includes School of Advanced International Studies, Peabody Conservatory, Applied Physics Laboratory, Welch Medical Libraries, Lilienfeld Library and the Population Center Library. Excludes Italy Center (Bologna) China Center (Nanjing), Institute for the History of Medicine and the Montgomery County Center in Rockville, MD.
	7b	Not all of the JHU libraries are included in Preservation reporting, so this figure differs from the amount reported for contract binding (21) in the *ARL Statistics 1999-2000*.
	8	Expenditures for supplies is lower than in previous years due to an 85% reduction in stiffening of new paperbacks.
KANSAS		Excludes Clendening History of Medicine Library in Kansas City, and the University of Kansas Medical School in Wichita.

INSTITUTION NAME	QUESTION NUMBER	FOOTNOTE
		Includes Law library, the Regents Center in Overland Park, and the University of Kansas Medical Center in Kansas City.
KENT STATE		Excludes branch campuses at Ashtabula, East Liverpool, Geauga, Salem, Stark, Trumbull, and Tuscarawas.
	7b	Excludes expenditures for branch campuses that were included in contract binding (21) in the *ARL Statistics 1999-2000*.
	8	Figure based on estimate.
KENTUCKY		Excludes Lexington Community College Library.
	4-5	1.0 FTE Reprographics Supervisor vacant for 7 months. University Records Supervisor (0.10 FTE for Preservation) vacant for 11 months.
	4c	0.25 FTE student assistance funded by University work study program, not by the Libraries' preservation funds.
	7a	Includes contract conservation services provided by commercial bindery for custom fitted enclosures ($3,021) and restoration services provided by a private conservator ($700).
	7b	Figure differs from the amount reported for contract binding (21) on the *ARL Statistics 1999-2000*. It excludes Lexington Community College Library, and it excludes contract conservation ($3,021) from the commercial binder. Both this figure and the *ARL Statistics* figure include services by the commercial binder and binding services provided by OCLC PromptCat shelf ready program.
	7e	Includes contract services for audiovisual reformatting and maintenance contracts for microfilming equipment.
	11	Funding provided by the state's virtual library project to purchase a Phase I Digital Camera for creating digital surrogates.
	22	Includes 513 volumes filmed by the SOLINET/ASERL Cooperative Preservation Microfilming Project and 189 volumes, mostly newspapers, 146,128 exposures) filmed by the Library's Reprographics Unit.
LAVAL		All figures are as of May 31, 2000.
	6-11	Expenditures as reported in Canadian dollars: (6a) $56,625; (6b) $237,022; (6c) $0; (6d) $293,647; (7a) $0; (7b) $9,300; (7c) $0; (7d) $2,000; (7e) $0; (7f) $11,300; (8) $48,093; (9) $0; (10) $353,040; (11) $0.
LIBRARY OF CONGRESS		All figures are as of September 30, 2000.
	5	Includes Preservation Directorate and Motion Picture/Broadcasting and Recorded Sound Division.
LOUISIANA STATE	6c, 6d	Expenditures for students include estimated student hours multiplied by an average wage.
McMASTER		All figures are as of April 30, 2000.

INSTITUTION NAME	QUESTION NUMBER	FOOTNOTE
	6-11	Expenditures as reported in Canadian dollars: (6a) $91,800; (6b) $15,152; (6c) $1,850; (6d) $108,802; (7a) $0; (7b) $142,712; (7c) $9,441; (7d) $0; (7e) $0; (7f) $152,153; (8) $13,949; (9) $18,292; (10) $293,196; (11) $8,940.
	7d	Expenditures cannot be disaggregated from (7c).
MASSACHUSETTS		Excludes University of Massachusetts branches at Worcester, Boston, Lowell, and Dartmouth.
MIAMI		All figures are as of May 31, 2000.
		Includes the Otto G. Richter Library (main library) and its branches (Architecture, Business, Math, and Music) and three independent libraries (Law, Marine, and Medical) at the University of Miami. Medical and Marine libraries are on separate campuses; all other libraries on main campus.
	6c	Includes Music library only. Exact figure for total student assistant expenditures for Otto G. Richter Library not available. Law, Marine, and Medical library report zero.
	12-16, 19, 20	Figures for Otto G. Richter Library and branches are based on estimates; figures for all other libraries (Law, Marine, Medical) are exact.
MICHIGAN		Excludes the Bentley Historical Library and the William Clements Library, and branch campuses at Dearborn and Flint.
	4-6	Library-wide, upward reclassification of all clerical positions shifted proportions of FTE and salary figures, and increased support staff salary figure.
	4b	Excludes .6 FTE volunteers in Conservation Services.
	4d	Includes 1.0 FTE special projects staff and 6.25 FTE grant staff.
	7-11, 22c	Significant increases are due to Making of America grant funded by Mellon.
	7b	Excludes data from Bentley, Clements, Business, and the Law library that was included in contract binding (21) on the *ARL Statistics 1999-2000*.
	7e	Includes expenditures for digital imaging, mass deacidification, service & equipment-maintenance contracts, and off-site archival microfilm storage.
	8	Includes supplies purchased for library units as well as for Preservation Division operations.
	10	Excludes $68,058 for commercial archival replacements of brittle library materials, and $5,208 for staff travel and development.
	21	Excludes Bentley, Clements, Business, and Law libraries.
	23c	A special project to digitize University of Michigan Media Union technical reports has resulted in a figure that is much larger than last year, and much larger than any other ARL library.
MICHIGAN STATE		Excludes the Detroit College of Law Library, which is located on the MSU Campus but is not affiliated with the MSU Libraries.
	4	Includes volunteers (.25 FTE).

INSTITUTION NAME	QUESTION NUMBER	FOOTNOTE
	6c	Student salary is based on average cost per hour to the library, including work-study for which the library pays 30% of the total wage.
	14	All level 3 treatments were carried out by an outsourced professional conservator.
	24b	Includes audiotapes.
MINNESOTA		Excludes branch campuses at Duluth, Morris, and Crookston.
NATIONAL LIBRARY OF CANADA		All figures are of March 31, 2000.
	1	The Preservation Administrator position has been vacant since 1998. The Preservation Unit of the NLC does not report to the Preservation Administrator.
	5, 6	Includes National Archives staff engaged in conservation activities for the National Library of Canada.
	6-11	Expenditures as reported in Canadian dollars: (6a) $480,000; (6b) $145,000; (6c) $50,000; (6d) $675,000; (7a) $0; (7b) $3,371; (7c) $0; (7d) $550,000; (7e) $4,076; (7f) $557,447; (8) $15,864; (9) $838; (10) $1,249,149; (11) $0.
	6a, 6b	Includes National Archive and National Library staff. Salaries indicated are approximate.
	8, 9	These expenses represent only expenses incurred by the National Library. This does not included expenses incurred by the National Archives for expenditures related to National Library preservation.
	12-23	The National Archives provides in-house conservation and copying services for the National Library.
	23b	Average of 300 pages per thesis. Figure represents 3 million pages or single sheets for 10,000 theses.
NATIONAL LIBRARY OF MEDICINE		All figures are as of September 30, 2000.
	5	Includes 1.25 FTE professional, .87 FTE support staff and .5 FTE students assigned to the Digital Manuscripts Project.
	6	Includes $61,498 professional, $27,812 support staff, and $10,415 student salaries for the Digital Manuscripts Project.
	7b	These expenditures do not match what was reported for contract binding (21) on the *ARL Statistics 1999-2000*, due to an error on that survey. The current figure is correct.
	7d	Includes preparation of volumes ($414,113), microfilming ($502,676), Inspection of new microfilm ($24,339), and polysulfiding of new microfilm ($11,025).
	7e	Includes off-site storage of microfilm and audiovisuals ($72,382), microfilm duplication ($33,231), inspection of old microfilm ($38,080), inspection of microfilm stored off-site ($5,000), binding preparation ($296,724), custom sized boxes ($1,514), contract staff assigned to the Digital Manuscripts Project ($331,000), preservation of archives and manuscripts collections ($33,312), book repair consultant ($1,809), audiovisual preservation consultant ($3,500), and audiovisual duplication ($9,592).

INSTITUTION NAME	QUESTION NUMBER	FOOTNOTE
	10	Excludes $5,604 for design of expanded conservation lab.
NEBRASKA	7b	Excludes $8,422 for Law library that was included in contract binding (21) on the *ARL Statistics 1999-2000*.
	7e	Repair of preservation microfilming camera and binding equipment.
	9	Capital expenditures for new Archives shelving totaled $58,269.
	11	Expenditures for preservation workshops held on campus or to which staff were sent totals $6,550 (includes $2,304 of external funds not reported in [11]).
NEW MEXICO		Excludes Bainbridge Bunting Slide Library, MEC Equity Library, Native American Studies Library and Tireman Library on main campus. Excludes branch campuses in Gallup, Los Alamos, Santa Fe, Taos, and Valencia. The UNM Health Sciences Center Library, an autonomous library responsible to the Vice President for Health Sciences, only began to develop significant collections in the 1970s. Consequently, the HSC Library's Preservation Policy emphasizes prevention ("conservation") goals and activities. There is no preservation administrator for the Health Sciences Center Library. The UNM General Library has a Preservation Committee chaired by a conservation officer.
NEW YORK		All figures are as of August 31, 2000. Both the conservation librarian and assistant preservation librarian positions were vacant for the entire reporting period. Includes Medical, Dental and Law School libraries, Institute of Fine Arts, Courant Institute and Real Estate Institute libraries.
NEW YORK PUBLIC LIBRARY	4b	Includes 7 FTE temporary staff to prepare materials being moved to off-site storage.
	7e	Includes: Mass deacidification ($13,899), freeze-drying ($773), membership dues for CCAHA ($150), and contract digital ($24,684).
	19	Includes 1,200 sound recordings conserved.
NEW YORK STATE LIBRARY		All figures are as of March 31, 2000. Includes the New York State Law Library and the New York State Medical Library.
NORTH CAROLINA	5	Includes staff devoted to digitization not counted in previous statistics.
	6	Includes salaries for digitization staff not counted in previous statistics.
	7b	Includes $4,895 for custom enclosures.
	22c	Full-text encoded for public access according to TEI guidelines; Digitized materials also preserved using traditional conservation and reformatting

INSTITUTION NAME	QUESTION NUMBER	FOOTNOTE
		methods.
NORTH CAROLINA STATE	4a	Preservation Librarian position vacant 3 months.
	4b	Coordinator position vacant 3.5 months; Repair Assistant position vacant 7 months.
	4c	2.38 FTE student interns.
	7b	Figure excludes contract conservation binding expenditure of $7,365 that was included in contract binding (21) of the *ARL Statistics 1999-2000*.
	10, 15, 21	Decreases in these totals result from 3 vacancies in the unit during the year.
	14	Six items were enclosed in custom-made clamshell boxes that took varying lengths of from 2 to 6 weeks to construct. Construction time was not consecutive but interspersed among other work.
NORTHWESTERN		All figures are as of August 30, 2000.
		Includes the Galter Library, the Law library and the Schaffner Library on the Chicago campus.
	4b	Includes 2.3 FTE staff hired on grant funds.
	4c	Includes 0.4 FTE students hired on grant funds.
	7e	Includes digital imaging ($27,777) and mass deacidification ($54,304).
NOTRE DAME		Includes the Life Science, Architecture, Math, Engineering, Chemistry/Physics, Radiology Lab, KROG, Sports, Special Collections, and Law libraries.
OHIO		Includes branch campuses in Chillicothe, Eastern, Lancaster, Southern, and Zanesville.
	5	Includes 2.0 FTE hired for grant-funded preservation projects.
OREGON		Includes the following libraries: Architecture and Allied Arts, Math, Science, Maps & Aerial Photographs, and Visual Resources. Items from the Archives were incorporated into the main library in 1999-2000.
	11	Microfilming personnel and supplies were substantially augmented by grant funding this year.
	15	Conservation productivity declined temporarily due to intensive conservation staff development and preservation outreach activities.
PITTSBURGH	7	Conservation services and preservation photocopying are paid for out of commercial binding budget. Preservation microfilming is funded by the National Endowment for the Humanities.
	5a	Includes: one Preservation Librarian and the percentage of time devoted to the NEH grant by the Latin American bibliographer and the Latin American cataloger; .05% of Digital Production Librarian's time spent in preparation for digitization; 3% of 1 FTE Professional Archivist.

INSTITUTION NAME	QUESTION NUMBER	FOOTNOTE
	5b	Includes 3% of thirteen departmental libraries' time devoted for commercial binding; 3% of one FTE staff person in Special Collections devoted to preservation activities.
	7f	Includes mass deacidification.
	11	Includes a National Endowment for the Humanities project to microfilm Bolivian monographs and the United Electrical Workers Preservation Survey.
PRINCETON	5	Includes .08 FTE support staff in grant-funded position.
PURDUE		Excludes Calumet and North Central branch campus libraries.
QUEEN'S		Excludes the University Archives, which are separately administered and are not part of the library system.
	6-11	Expenditures as reported in Canadian dollars: (6a) $19,500; (6b) $166,400; (6c) $0; (6d) $185,900; (7a) $0; (7b) $164,868; (7c) $0; (7d) $0; (7e) $0; (7f) $164,868; (8) $2,000; (9) $0; (10) $352,768; (11) $0.
	6d	Previous reports of staffing levels may not have included those involved in commercial binding preparation. Serials librarian (.2FTE) manages the commercial binding. Special Collections Unit Head administers the conservation (.1 FTE).
	7c	Queen's University has participated extensively in the CIHM project over the last 20 years by loaning materials for microfilming.
ROCHESTER		Includes Sibley Music Library and Miner Medical Library.
RUTGERS		Includes two Law libraries, colleges and professional schools in Camden, Newark, and New Brunswick, and services to a non-Rutgers medical school.
SASKATCHEWAN		All figures are as of April 30, 2000.
		Includes Law and Medical libraries.
		Figures for routine mending done in Access Services and branch libraries outside of central Binding Unit reporting to the Head of Acquisitions are unavailable.
	6-11	Expenditures as reported in Canadian dollars: (6a) $24,369; (6b) $108,210; (6c) $1,192; (6d) $133,772; (7a) $0; (7b) $111,745; (7c) $0; (7d) $0; (7e) $0; (7f) $111,745; (8) $100; (9) $0; (10) $245,617; (11) $0.
	6c	Student assistants hired on a casual basis for project.
SOUTH CAROLINA		Excludes branch campuses at Aiken, Salkehatchie, Beaufort, Lancaster, Spartanburg, Sumter, and Union.
SOUTHERN CALIFORNIA		Includes Law library, which is an administratively separate library located on the Main Campus. Includes Health Sciences Library System, which is an administratively separate system and located on a separate Health Sciences Campus (except for the Dental library, which is located on the Main Campus).

INSTITUTION NAME	QUESTION NUMBER	FOOTNOTE
	1-4, 13, 19, 24	Data are for Central Library System only. Law and Health Sciences Library System report "no" or zero.
	5a	Data are for Central Library System and Law library only. Health Sciences Library System reports zero.
	6a	Data are suppressed and confidential.
	12, 15, 20, 21	Data are for Central Library System and Health Sciences Library System only. Law library reports "unavailable" or zero.
STANFORD		All figures are as of August 31, 2000.
		Excludes Law, Medical, Business, and Stanford Linear Accelerator libraries.
		Includes statistics from the Hopkins Marine Station and the Hoover Institution.
	2	The Stanford University Libraries have a 1.0 FTE preservation administrator; the Hoover Institution also has a 1.0 FTE preservation administrator.
	3	The preservation administrator for the Stanford University Libraries reports to the Associate University Librarian for Technical Services. The preservation administrator at the Hoover Institution reports to the Deputy Director.
	7b, 21	Expenditures figure includes all of Stanford University, including the Law, Medical, Business, and Stanford Linear Accelerator libraries. Volumes commercially bound (21) includes only the Stanford University Libraries and the Hoover Institution.
	7e	Includes $5,898 for rental of storage space for microfilm master negatives and $6,188 for freezing.
SUNY-ALBANY		Includes the Gov. Thomas E. Dewey Library for Public Affairs and Policy, and the Science Library.
SYRACUSE	7b	Includes Law library.
	12	Includes 10,279 volumes treated by paperback stiffening.
	24a	Includes 51 reformatted cylinder and 78 rpm sound recordings.
TEMPLE		Includes Ambler Campus Library and Tyler School of Art Library.
TENNESSEE		Includes Law and Social Work libraries.
TEXAS		All figures are as of August 31, 2000.
		Includes Law library, Harry Ransom Humanities Research Center (HRHRC), and the Center for American History (CAH).
		Includes figures for the NEH Texas Newspaper Project (TNP).
		Excludes the McDonald Observatory Library.
		Item inspection for mold and insects performed on 1,956 cubic feet of incoming

Institution Name	Question Number	Footnote
		materials (HRHRC).
	1-3	The General Libraries (GL) employs 1.0 FTE Head Librarian, Preservation Services who reports to the Head Librarian, Technical Services Operation Division. The HRHRC employs 1.0 FTE Chief Conservation Officer who reports to the Associate Director of the Center.
	4a	Includes 1.0 FTE (GL); 7.0 FTE (HRHRC).
	4b	Includes 7.25 FTE (GL); 6.0 FTE (HRHRC). Excludes 0.10 FTE staff volunteer (GL).
	4c	Includes 0.29 FTE (GL); 0.50 FTE (HRHRC).
	5a	Includes 1.20 FTE (GL); 7.0 FTE (HRHRC); 0.25 FTE (Law); 0.65 FTE (CAH); 1.0 FTE (TNP).
	5b	Includes 7.63 FTE (GL); 8.0 FTE (HRHRC); 0.25 FTE (Law); 0.75 FTE (CAH); 0.25 FTE (TNP).
	5c	Includes 0.68 FTE (GL); 0.50 FTE (HRHRC); 0.10 FTE (Law); 0.75 FTE (CAH); 0.25 FTE (TNP). Excludes 2.72 FTE volunteers (GL).
	6a	Includes $51,350 (GL); $260,000 (HRHRC); $7,538 (Law); $17,376 (CAH); $20,684 TNP).
	6b	Includes $157,887 (GL); $183,100 (HRHRC); $4,723 (Law); $12,883 (CAH); $11,987 (TNP).
	6c	Includes $10,908 (GL); $4,176 (HRHRC); $1,269 (Law); $2,840 (CAH); $975 (TNP).
	6d	Includes $220,145 (GL); $447,276 (HRHRC); $13,530 (Law); $20,345 (CAH); $33,646 (TNP).
	7b	Includes $117,253 (GL); $22,086 (Law).
	7c	Includes $2,744 (GL); $8,000 (CAH).
	7d	Figure for TNP only.
	7e	Figure for GL only.
	8	Includes $40,583 (GL); $28,000 (HRHRC); $1,287 (Law); $5,000 (CAH).
	9	Figure for GL only.
	11	Figure for TNP only.
	12	Includes 24,332 (GL); 78 (HRHRC).
	13	Includes 2,175 (GL); 125 (HRHRC); 662 (Law).
	14	Includes 112 (GL); 88 (HRHRC).
	16	Includes 220 (GL); 1941 (HRHRC); 500 (CAH).
	19	Includes 1,220 (GL); 121 (HRHRC); 1,000 (CAH).
	20	Includes 1,079 (GL); 2,628 (HRHRC); 45 (Law); 100 (CAH).
	21	Includes 19,516 (GL); 3,355 (Law).

INSTITUTION NAME	QUESTION NUMBER	FOOTNOTE
	22a	Figure for GL only.
	22c	Figure for Law only.
	23a	Includes 127 (GL); 35,000 (CAH). Data for HRHRC unavailable.
	23b	Includes 134 (GL); 70,234 (TNP). Data for HRHRC unavailable.
	23c, 24	Figure for GL only. Data for HRHRC unavailable.
TEXAS A&M		All figures as of August 31, 2000.
		Includes Medical Science Library, the Technical Reference Center in the College of Architecture, and Galveston. Galveston Branch does little conservation outside of binding loose journal issue.
TEXAS TECH		All figures are as of August 31, 2000.
		Includes Law and Medical libraries, and Architecture branch campus library located in Lubbock.
TORONTO		All figures are as of April 30, 2000.
		Includes branch campuses in Scarborough and Erindale.
	6-11	Expenditures as reported in Canadian dollars: (6a) $268,109; (6b) $592,946; (6c) $0; (6d) $861,055; (7a) $0; (7b) $534,583; (7c) $0; (7d) $8,650; (7e) $0; (7f) $ 543,233; (8) U/A; (9) U/A; (10) $ 1,404,288; (11) $0.
TULANE		Includes Math, Architecture, Business, Special Collections, Latin American Collection, and the Women's Center libraries.
UTAH	7b	Includes only the Marriott Library. Excludes Law and Medical libraries.
VIRGINIA		Excludes University of Virginia College at Wise.
WASHINGTON		Includes branch campuses at Bothell, and Tacoma. However, statistics for these campuses are very minor, e.g., no staffing are included and only 200 volumes were bound at both campuses combined.
	7e	Includes expenditures for CLIR membership.
	8, 12-15	Law library data not available.
	5c, 6c, 7e, 9, 16, 20, 23, 24	Law library reports zero. All figures are for the main library.
WASHINGTON STATE		Includes WSU Vancouver, WSU Tri-Cities, WSU Spokane (CALS), the Intercollegiate College of Nursing, and the Energy Library.
WASHINGTON U. - ST. LOUIS		Includes: Medical School, Law School, Social Work, Physics, East Asian, West Campus, Biology, Earth and Planetary Science, Chemistry, Gaylord (Music), and Business School libraries.

INSTITUTION NAME	QUESTION NUMBER	FOOTNOTE
	6	Figures not available from Law library.
WAYNE STATE		All figures are as of September 30, 2000.
		Includes Oakland Center and the Reuther Library of Labor and Urban Affairs.
	7b	Figure reported for contract binding (21) on the *ARL Statistics 1999-2000* included $1,575 for conservation services not included here.
WESTERN ONTARIO		Includes the following libraries: Business, Education, Law, Music, Allyn & Betty Taylor (medicine, dentistry, nursing, applied health sciences, natural sciences, and engineering science), D.B. Weldon Library (arts, social science, information and media studies, and kinesiology).
	6-11	Expenditures as reported in Canadian dollars: (6a) U/A; (6b) U/A; (6c) $0; (6d) U/A; (7a) $10,000; (7b) $178,507; (7c) $0; (7d) $0; (7e) $0; (7f) $188,507; (8) $3,000; (9) $0; (10) $191,507; (11) $500.
	10	Figure does not include expenditures for staff.
WISCONSIN		All figures include the following libraries, except where footnoted: Memorial, Special Collections, Music, Law, Health Sciences, Ag/Life Sciences, School of Library and Information Studies (SLIS), and Engineering.
	4	Figures represent preservation staff at Memorial Library only.
	4a	Conservator position (1.0 FTE) vacant during 1999-2000. Position temporarily filled with 1.0 FTE/LTE, accounted for in (4b).
	4b, 5b	Support staff includes 2.16 FTE working on specifically funded projects. One 1.0 FTE vacant for 10 months.
	4c, 5c	Student staff includes .45 FTE volunteers.
	5a	Professional staff includes .01 FTE working on specially funded projects.
	7b	Excludes expenditures for enclosures paid to commercial binder, and therefore differs from figure for contract binding (21) on the *ARL Statistics 1999-2000*. Figure for enclosures recorded in contract conservation (7a).
	7e	Figure includes equipment repair/maintenance contracts, methylene blue testing, and digitizing expenses reported by Memorial Library Microimaging Lab, as well as fees for an environmental survey.
	21	Includes figures for Engineering and other General Library System libraries, but does not include some libraries whose expenditures are incorporated into the total dollar figure in contract binding expenditures (7b).
YALE	4, 7, 22	The NEH-funded British History Preservation Project ended in June of 1999. The end of this project caused significant reductions both professional and support staff (4a and 4b), as well as contract microfilming (7d), contract expenditures (7e), and the total number of bound volumes microfilmed (22b).
	9	During 1999-2000, the Collections Care program received additional funds to purchase new equipment.
	23	The large number of single sheets microfilmed (23b) for 1999-2000 is due to the

Institution Name	Question Number	Footnote
		total count of pages filmed for the Georgia O'Keefe, Alfred Steiglitz filming project.
YORK		All figures are as of April 30, 2000.
		Includes library at Glendon College.
	6-11	Expenditures as reported in Canadian dollars: (6a) $4,806; (6b) $100,778; (6c) $4,538; (6d) $110,122; (7a) $3,936; (7b) $210,193; (7c) $799; (7d) $0; (7e) $0; (7f) $214,928; (8) $12,583; (9) $0; (10) $337,633; (11) $0.

APPENDIX A

ARL Member Libraries as of June 1, 2002

The Association of Research Libraries (ARL) represents the interests of 123 libraries that serve major North American research institutions. ARL operates as a forum for the exchange of ideas and as an agent for collective action to influence the forces affecting the ability of these libraries to meet the future needs of scholarship. The ARL Statistics and Measurement program is organized around identifying, collecting, analyzing, and distributing quantifiable information describing the characteristics of research libraries. The program offers publications and special member services, and collaborates with other national and international library statistics programs. Data collected include salaries, library holdings, expenditures, staff, interlibrary lending, and preservation activities.

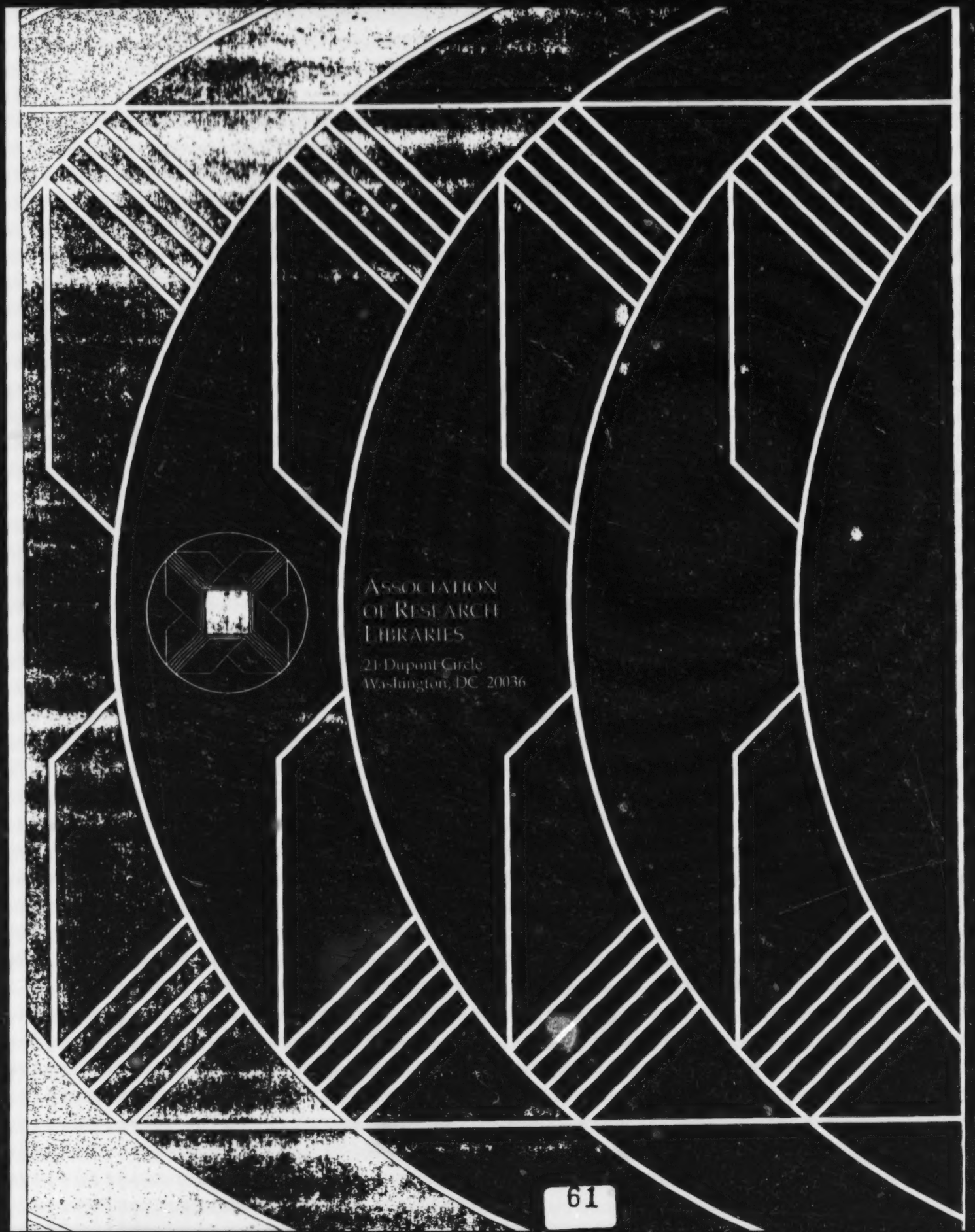
The members of the Association are:

Institution	Category	Full Name of Institution	Location
Alabama	S	University of Alabama	Tuscaloosa, Alabama
Alberta	C	University of Alberta	Edmonton, Alberta
Arizona	S	University of Arizona	Tucson, Arizona
Arizona State	S	Arizona State University	Tempe, Arizona
Auburn	S	Auburn University	Auburn, Alabama
Boston	P	Boston University	Boston, Massachusetts
Boston College	P	Boston College	Boston, Massachusetts
Brigham Young	P	Brigham Young University	Provo, Utah
British Columbia	C	University of British Columbia	Vancouver, British Columbia
Brown	P	Brown University	Providence, Rhode Island
California, Berkeley	S	University of California, Berkeley	Berkeley, California
California, Davis	S	University of California, Davis	Davis, California
California, Irvine	S	University of California, Irvine	Irvine, California
California, Los Angeles	S	University of California, Los Angeles	Los Angeles, California
California, Riverside	S	University of California, Riverside	Riverside, California
California, San Diego	S	University of California, San Diego	La Jolla, California
California, Santa Barbara	S	University of California, Santa Barbara	Santa Barbara, California
Case Western Reserve	P	Case Western Reserve University	Cleveland, Ohio
Chicago	P	University of Chicago	Chicago, Illinois
Cincinnati	S	University of Cincinnati	Cincinnati, Ohio
Colorado	S	University of Colorado	Boulder, Colorado
Colorado State	S	Colorado State University	Fort Collins, Colorado
Columbia	P	Columbia University	New York, New York
Connecticut	S	University of Connecticut	Storrs, Connecticut
Cornell	P	Cornell University	Ithaca, New York
Dartmouth	P	Dartmouth College	Hanover, New Hampshire
Delaware	S	University of Delaware	Newark, Delaware
Duke	P	Duke University	Durham, North Carolina
Emory	P	Emory University	Atlanta, Georgia
Florida	S	University of Florida	Gainesville, Florida
Florida State	S	Florida State University	Tallahassee, Florida
George Washington	P	George Washington University	Washington, D.C.
Georgetown	P	Georgetown University	Washington, D.C.
Georgia	S	University of Georgia	Athens, Georgia
Georgia Tech	S	Georgia Institute of Technology	Atlanta, Georgia
Guelph	C	University of Guelph	Guelph, Ontario
Harvard	P	Harvard University	Cambridge, Massachusetts
Hawaii	S	University of Hawaii	Honolulu, Hawaii
Houston	S	University of Houston	Houston, Texas
Howard	P	Howard University	Washington, D.C.
Illinois, Chicago	S	University of Illinois at Chicago	Chicago, Illinois
Illinois, Urbana	S	University of Illinois at Urbana	Urbana, Illinois
Indiana	S	Indiana University	Bloomington, Indiana
Iowa	S	University of Iowa	Iowa City, Iowa
Iowa State	S	Iowa State University	Ames, Iowa
Johns Hopkins	P	Johns Hopkins University	Baltimore, Maryland
Kansas	S	University of Kansas	Lawrence, Kansas
Kent State	S	Kent State University	Kent, Ohio
Kentucky	S	University of Kentucky	Lexington, Kentucky
Laval	C	Laval University	Quebec
Louisiana State	S	Louisiana State University	Baton Rouge, Louisiana
McGill	C	McGill University	Montreal, Quebec
McMaster	C	McMaster University	Hamilton, Ontario
Manitoba	C	University of Manitoba	Winnipeg, Manitoba
Maryland	S	University of Maryland	College Park, Maryland
Massachusetts	S	University of Massachusetts	Amherst, Massachusetts
MIT	P	Massachusetts Institute of Technology	Cambridge, Massachusetts

S=U.S. public university P=U.S. private university N=U.S. nonuniversity library C=Canadian university X=Canadian nonuniversity

Institution	Category	Full Name of Institution	Location
Miami	P	University of Miami	Coral Gables, Florida
Michigan	S	University of Michigan	Ann Arbor, Michigan
Michigan State	S	Michigan State University	East Lansing, Michigan
Minnesota	S	University of Minnesota	Minneapolis, Minnesota
Missouri	S	University of Missouri	Columbia, Missouri
Montreal	C	Université de Montréal	Montreal, Quebec
Nebraska	S	University of Nebraska-Lincoln	Lincoln, Nebraska
New Mexico	S	University of New Mexico	Albuquerque, New Mexico
New York	P	New York University	New York, New York
North Carolina	S	University of North Carolina	Chapel Hill, North Carolina
North Carolina State	S	North Carolina State University	Raleigh, North Carolina
Northwestern	P	Northwestern University	Evanston, Illinois
Notre Dame	P	University of Notre Dame	Notre Dame, Indiana
Ohio	S	Ohio University	Athens, Ohio
Ohio State	S	Ohio State University	Columbus, Ohio
Oklahoma	S	University of Oklahoma	Norman, Oklahoma
Oklahoma State	S	Oklahoma State University	Stillwater, Oklahoma
Oregon	S	University of Oregon	Eugene, Oregon
Pennsylvania	P	University of Pennsylvania	Philadelphia, Pennsylvania
Pennsylvania State	S	Pennsylvania State University	University Park, Pennsylvania
Pittsburgh	S	University of Pittsburgh	Pittsburgh, Pennsylvania
Princeton	P	Princeton University	Princeton, New Jersey
Purdue	S	Purdue University	West Lafayette, Indiana
Queen's	C	Queen's University	Kingston, Ontario
Rice	P	Rice University	Houston, Texas
Rochester	P	University of Rochester	Rochester, New York
Rutgers	S	Rutgers University	New Brunswick, New Jersey
Saskatchewan	C	University of Saskatchewan	Saskatoon, Saskatchewan
South Carolina	S	University of South Carolina	Columbia, South Carolina
Southern California	P	University of Southern California	Los Angeles, California
Southern Illinois	S	Southern Illinois University	Carbondale, Illinois
Stanford	P	Stanford University	Stanford, California
SUNY-Albany	S	State University of New York at Albany	Albany, New York
SUNY-Buffalo	S	State University of New York at Buffalo	Buffalo, New York
SUNY-Stony Brook	S	State University of New York at Stony Brook	Stony Brook, New York
Syracuse	P	Syracuse University	Syracuse, New York
Temple	S	Temple University	Philadelphia, Pennsylvania
Tennessee	S	University of Tennessee	Knoxville, Tennessee
Texas	S	University of Texas	Austin, Texas
Texas A&M	S	Texas A&M University	College Station, Texas
Texas Tech	S	Texas Tech	Lubbock, Texas
Toronto	C	University of Toronto	Toronto, Ontario
Tulane	P	Tulane University	New Orleans, Louisiana
Utah	S	University of Utah	Salt Lake City, Utah
Vanderbilt	P	Vanderbilt University	Nashville, Tennessee
Virginia	S	University of Virginia	Charlottesville, Virginia
Virginia Tech	S	Virginia Polytechnic Institute & State University	Blacksburg, Virginia
Washington	S	University of Washington	Seattle, Washington
Washington State	S	Washington State University	Pullman, Washington
Washington U.-St. Louis	P	Washington University	St. Louis, Missouri
Waterloo	C	University of Waterloo	Waterloo, Ontario
Wayne State	S	Wayne State University	Detroit, Michigan
Western Ontario	C	University of Western Ontario	London, Ontario
Wisconsin	S	University of Wisconsin	Madison, Wisconsin
Yale	P	Yale University	New Haven, Connecticut
York	C	York University	North York, Ontario
Boston Public Library	N	Boston Public Library	Boston, Massachusetts
Canada Inst. SciTech Info.	X	Canada Inst. for Scientific & Technical Information	Ottawa, Ontario
Center for Research Libs.	N	Center for Research Libraries	Chicago, Illinois
Library of Congress	N	Library of Congress	Washington, D.C.
Natl. Agricultural Lib.	N	National Agricultural Library	Beltsville, Maryland
Natl. Library of Canada	X	National Library of Canada	Ottawa, Ontario
Natl. Library of Medicine	N	National Library of Medicine	Bethesda, Maryland
New York Public Library	N	New York Public Library	New York, New York
New York State Library	N	New York State Library	Albany, New York
Smithsonian Institution	N	Smithsonian Institution	Washington, D.C.

S=U.S. public university P=U.S. private university N=U.S. nonuniversity library C=Canadian university X=Canadian nonuniversity


ASSOCIATION
OF RESEARCH
LIBRARIES
21 Dupont Circle
Washington, DC 20036

U.S. Department of Education
Office of Educational Research and Improvement (OERI)
National Library of Education (NLE)
Educational Resources Information Center (ERIC)

NOTICE

Reproduction Basis

☑ This document is covered by a signed "Reproduction Release (Blanket)" form (on file within the ERIC system), encompassing all or classes of documents from its source organization and, therefore, does not require a "Specific Document" Release form.

☐ This document is Federally-funded, or carries its own permission to reproduce, or is otherwise in the public domain and, therefore, may be reproduced by ERIC without a signed Reproduction Release form (either "Specific Document" or "Blanket").